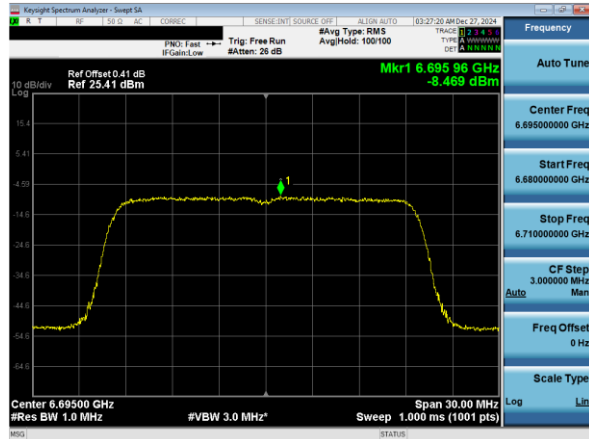
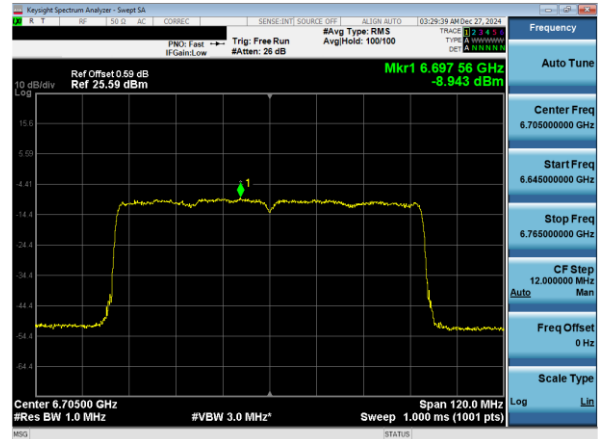
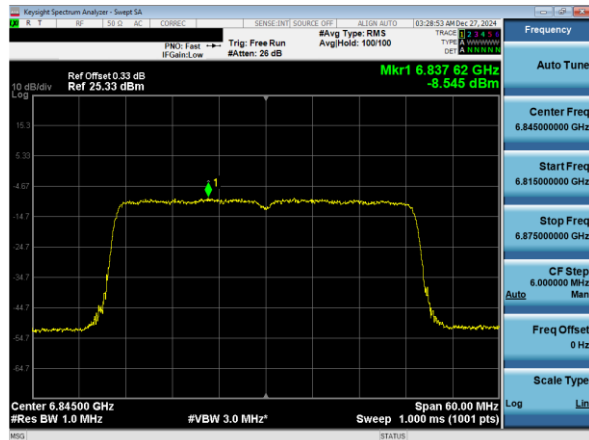




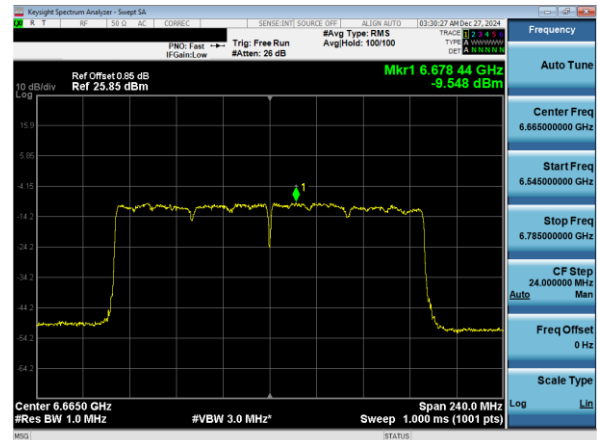
Plot 7-61. PSD Plot Antenna WF7a (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-63. PSD Plot Antenna WF7a (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-62. PSD Plot Antenna WF7a (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)



Plot 7-64. PSD Plot Antenna WF7a (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 62 of 221

7.4.2 Antenna WF2a Power Spectral Density Measurements – VLP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	33	ax (20MHz)	52	37	12.5/14.7 (MCS11)	-6.55	-0.10	-6.65	-5	-1.65
	5935	33	ax (20MHz)	52	39	12.5/14.7 (MCS11)	-6.59	-0.10	-6.69	-5	-1.69
	5935	33	ax (20MHz)	52	40	12.5/14.7 (MCS11)	-7.78	-0.10	-7.88	-5	-2.88
	6175	61	ax (20MHz)	52	37	12.5/14.7 (MCS11)	-6.93	-0.10	-7.03	-5	-2.03
	6175	61	ax (20MHz)	52	39	12.5/14.7 (MCS11)	-7.04	-0.10	-7.14	-5	-2.14
	6175	61	ax (20MHz)	52	40	12.5/14.7 (MCS11)	-7.12	-0.10	-7.22	-5	-2.22
	6415	93	ax (20MHz)	106	53	12.5/14.7 (MCS11)	-8.26	-0.80	-9.06	-5	-4.06
	6415	93	ax (20MHz)	106	54	12.5/14.7 (MCS11)	-8.25	-0.80	-9.05	-5	-4.05
	5965	35	ax (40MHz)	52	37	12.5/14.7 (MCS11)	-8.00	-0.10	-8.10	-5	-3.10
	5965	35	ax (40MHz)	52	40	12.5/14.7 (MCS11)	-6.53	-0.10	-6.63	-5	-1.63
	5965	35	ax (40MHz)	52	44	12.5/14.7 (MCS11)	-6.87	-0.10	-6.97	-5	-1.97
	6165	59	ax (40MHz)	52	37	12.5/14.7 (MCS11)	-6.72	-0.10	-6.82	-5	-1.82
	6165	59	ax (40MHz)	52	40	12.5/14.7 (MCS11)	-6.64	-0.10	-6.74	-5	-1.74
	6165	59	ax (40MHz)	52	44	12.5/14.7 (MCS11)	-6.68	-0.10	-6.78	-5	-1.78
	6165	91	ax (40MHz)	106	53	12.5/14.7 (MCS11)	-8.43	-0.80	-9.23	-5	-4.23
	6165	91	ax (40MHz)	106	54	12.5/14.7 (MCS11)	-8.30	-0.80	-9.10	-5	-4.10
	6165	91	ax (40MHz)	106	56	12.5/14.7 (MCS11)	-8.40	-0.80	-9.20	-5	-4.20
	5985	39	ax (80MHz)	52	37	12.5/14.7 (MCS11)	-6.42	-0.10	-6.52	-5	-1.52
	5985	39	ax (80MHz)	52	44	12.5/14.7 (MCS11)	-7.31	-0.10	-7.41	-5	-2.41
	5985	39	ax (80MHz)	52	52	12.5/14.7 (MCS11)	-6.53	-0.10	-6.63	-5	-1.63
	6145	55	ax (80MHz)	52	37	12.5/14.7 (MCS11)	-7.25	-0.10	-7.35	-5	-2.35
	6145	55	ax (80MHz)	52	44	12.5/14.7 (MCS11)	-7.48	-0.10	-7.58	-5	-2.58
	6145	55	ax (80MHz)	52	52	12.5/14.7 (MCS11)	-7.21	-0.10	-7.31	-5	-2.31
	6385	87	ax (80MHz)	106	53	12.5/14.7 (MCS11)	-8.67	-0.80	-9.47	-5	-4.47
	6385	87	ax (80MHz)	106	56	12.5/14.7 (MCS11)	-9.15	-0.80	-9.95	-5	-4.95
	6385	87	ax (80MHz)	106	60	12.5/14.7 (MCS11)	-7.82	-0.80	-8.62	-5	-3.62
	6181	47	ax (160MHz)	52	37	12.5/14.7 (MCS11)	-6.65	-0.10	-6.75	-5	-1.75
	6181	47	ax (160MHz)	52	44	12.5/14.7 (MCS11)	-7.08	-0.10	-7.18	-5	-2.18
	6181	47	ax (160MHz)	52	52	12.5/14.7 (MCS11)	-7.38	-0.10	-7.48	-5	-2.48
	6345	79	ax (160MHz)	106	53	12.5/14.7 (MCS11)	-9.36	-0.80	-10.16	-5	-5.16
	6345	79	ax (160MHz)	106	56	12.5/14.7 (MCS11)	-9.45	-0.80	-10.25	-5	-5.25
	6345	79	ax (160MHz)	106	60	12.5/14.7 (MCS11)	-8.57	-0.80	-9.37	-5	-4.37
Band 7	6535	117	ax (20MHz)	106	53	12.5/14.7 (MCS11)	-8.99	1.10	-7.89	-5	-2.89
	6535	117	ax (20MHz)	106	54	12.5/14.7 (MCS11)	-9.25	1.10	-8.15	-5	-3.15
	6695	149	ax (20MHz)	106	53	12.5/14.7 (MCS11)	-9.11	1.10	-8.01	-5	-3.01
	6695	149	ax (20MHz)	106	54	12.5/14.7 (MCS11)	-8.96	1.10	-7.86	-5	-2.86
	6875	181	ax (20MHz)	106	53	12.5/14.7 (MCS11)	-9.41	1.10	-8.31	-5	-3.31
	6875	181	ax (20MHz)	106	54	12.5/14.7 (MCS11)	-9.56	1.10	-8.46	-5	-3.46
	6565	123	ax (40MHz)	106	53	12.5/14.7 (MCS11)	-9.60	1.10	-8.50	-5	-3.50
	6565	123	ax (40MHz)	106	54	12.5/14.7 (MCS11)	-9.61	1.10	-8.51	-5	-3.51
	6565	123	ax (40MHz)	106	56	12.5/14.7 (MCS11)	-9.27	1.10	-8.17	-5	-3.17
	6725	155	ax (40MHz)	106	53	12.5/14.7 (MCS11)	-9.43	1.10	-8.33	-5	-3.33
	6725	155	ax (40MHz)	106	54	12.5/14.7 (MCS11)	-9.17	1.10	-8.07	-5	-3.07
	6725	155	ax (40MHz)	106	56	12.5/14.7 (MCS11)	-9.70	1.10	-8.60	-5	-3.60
	6845	179	ax (40MHz)	106	53	12.5/14.7 (MCS11)	-10.18	1.10	-9.08	-5	-4.08
	6845	179	ax (40MHz)	106	54	12.5/14.7 (MCS11)	-9.96	1.10	-8.86	-5	-3.86
	6845	179	ax (40MHz)	106	56	12.5/14.7 (MCS11)	-9.52	1.10	-8.42	-5	-3.42
	6545	135	ax (80MHz)	106	53	12.5/14.7 (MCS11)	-9.53	1.10	-8.43	-5	-3.43
	6545	135	ax (80MHz)	106	56	12.5/14.7 (MCS11)	-9.49	1.10	-8.39	-5	-3.39
	6545	135	ax (80MHz)	106	60	12.5/14.7 (MCS11)	-10.42	1.10	-9.32	-5	-4.32
	6705	151	ax (80MHz)	106	53	12.5/14.7 (MCS11)	-9.72	1.10	-8.62	-5	-3.62
	6705	151	ax (80MHz)	106	56	12.5/14.7 (MCS11)	-9.42	1.10	-8.32	-5	-3.32
	6705	151	ax (80MHz)	106	60	12.5/14.7 (MCS11)	-9.69	1.10	-8.59	-5	-3.59
	6865	167	ax (80MHz)	106	53	12.5/14.7 (MCS11)	-10.22	1.10	-9.12	-5	-4.12
	6865	167	ax (80MHz)	106	56	12.5/14.7 (MCS11)	-9.65	1.10	-8.55	-5	-3.55
	6865	167	ax (80MHz)	106	60	12.5/14.7 (MCS11)	-9.49	1.10	-8.39	-5	-3.39
	6665	143	ax (160MHz)	106	53	12.5/14.7 (MCS11)	-9.50	1.10	-8.40	-5	-3.40
	6665	143	ax (160MHz)	106	56	12.5/14.7 (MCS11)	-10.60	1.10	-9.50	-5	-4.50
	6665	143	ax (160MHz)	106	60	12.5/14.7 (MCS11)	-10.43	1.10	-9.33	-5	-4.33

Table 7-68. Power Spectral Density Measurements Antenna WF2a (Partially-Loaded RU)

FCC ID: BCGA3268		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 63 of 221

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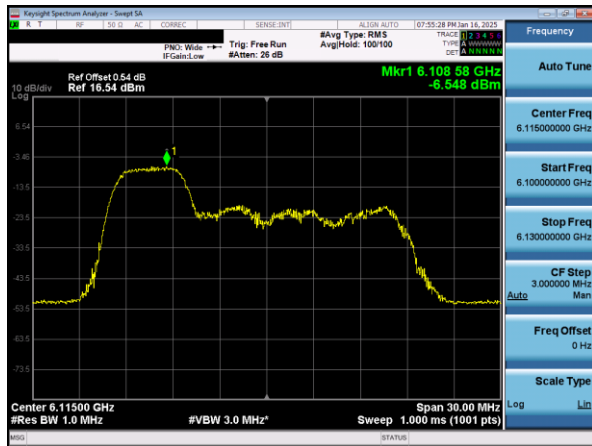
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	33	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-6.20	-0.10	-6.30	-5	-1.30
	6175	61	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-6.56	-0.10	-6.66	-5	-1.66
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.05	-0.80	-8.85	-5	-3.85
	5965	35	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-6.33	-0.10	-6.43	-5	-1.43
	6165	59	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-6.24	-0.10	-6.34	-5	-1.34
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.91	-0.80	-8.71	-5	-3.71
	5985	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-6.30	-0.10	-6.40	-5	-1.40
	6145	55	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-6.12	-0.10	-6.22	-5	-1.22
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.13	-0.80	-8.93	-5	-3.93
	6181	47	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-5.90	-0.10	-6.00	-5	-1.00
Band 7	6345	79	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-8.74	-0.80	-9.54	-5	-4.54
	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-9.10	1.10	-8.00	-5	-3.00
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-9.02	1.10	-7.92	-5	-2.92
	6875	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-9.06	1.10	-7.96	-5	-2.96
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-9.32	1.10	-8.22	-5	-3.22
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-9.05	1.10	-7.95	-5	-2.95
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.63	1.10	-7.53	-5	-2.53
	6545	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-9.35	1.10	-8.25	-5	-3.25
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-9.17	1.10	-8.07	-5	-3.07
	6865	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-9.53	1.10	-8.43	-5	-3.43
	6665	143	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-9.51	1.10	-8.41	-5	-3.41

Table 7-69. Power Spectral Density Measurements Antenna WF2a (Fully-Loaded RU)

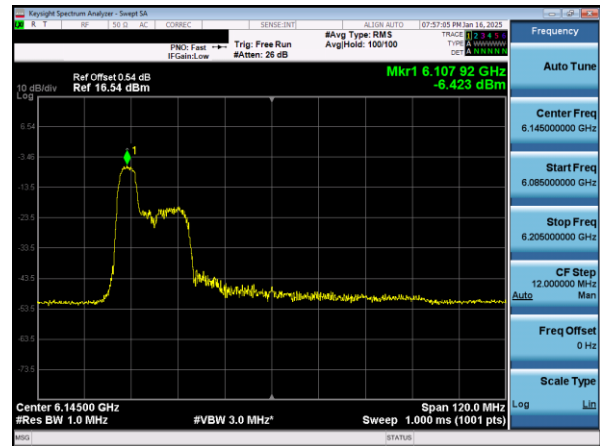
FCC ID: BCGA3268	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 64 of 221

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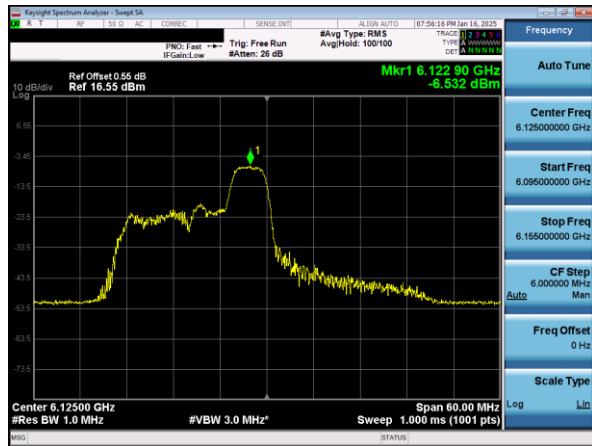
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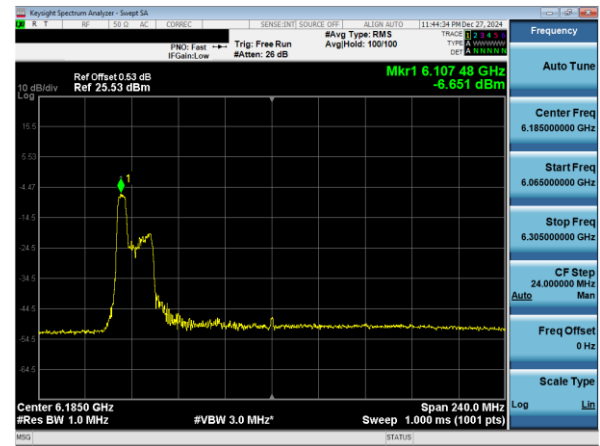
Plot 7-65. PSD Plot Antenna WF2a (20MHz 802.11ax RU52 (UNII Band 5) – Ch. 33)



Plot 7-67. PSD Plot Antenna WF2a (80MHz 802.11ax RU52 (UNII Band 5) – Ch. 39)

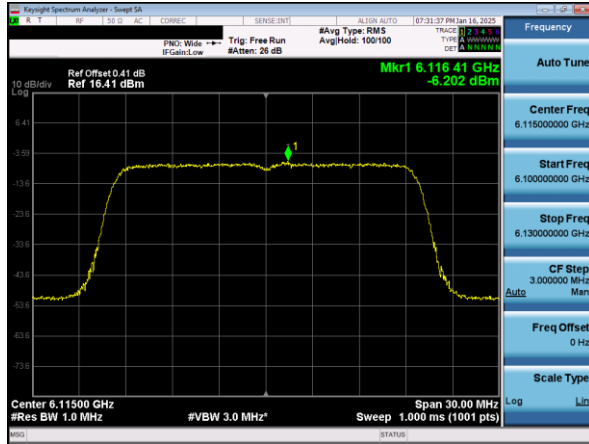


Plot 7-66. PSD Plot Antenna WF2a (40MHz 802.11ax RU52 (UNII Band 5) – Ch. 35)

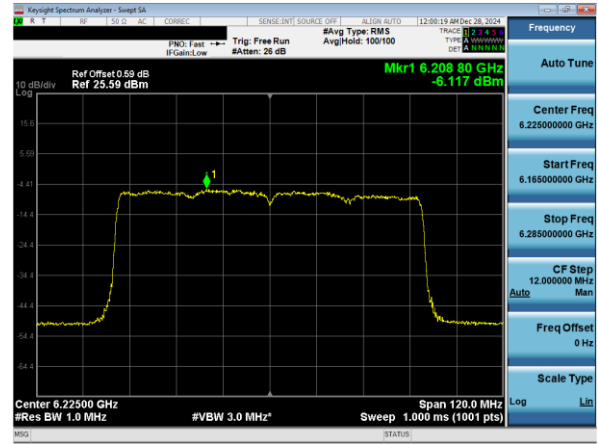


Plot 7-68. PSD Plot Antenna WF2a (160MHz 802.11ax RU52 (UNII Band 5) – Ch. 47)

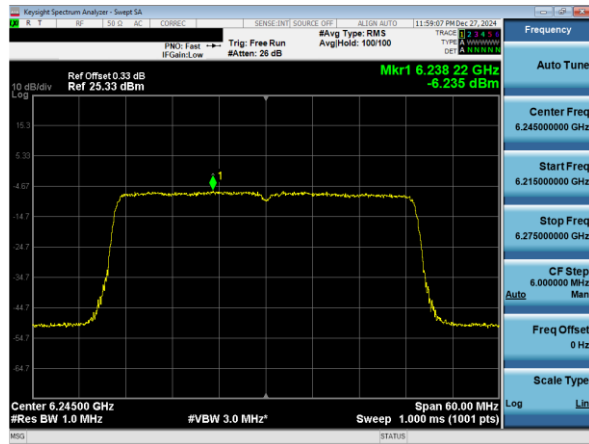
FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 65 of 221



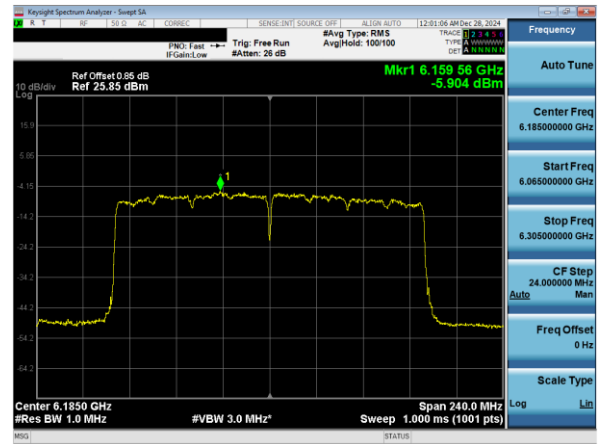
Plot 7-69. PSD Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 33)



Plot 7-71. PSD Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 55)

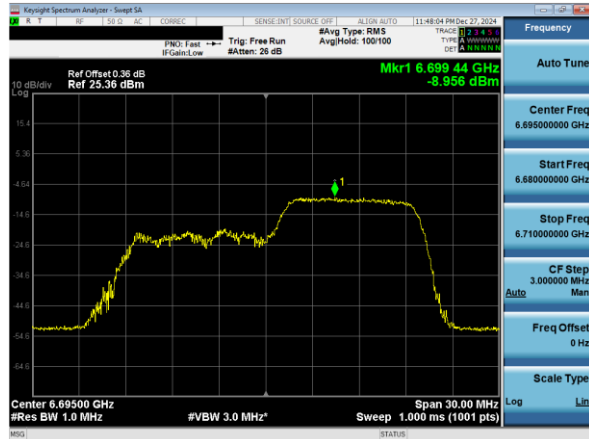


Plot 7-70. PSD Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 59)

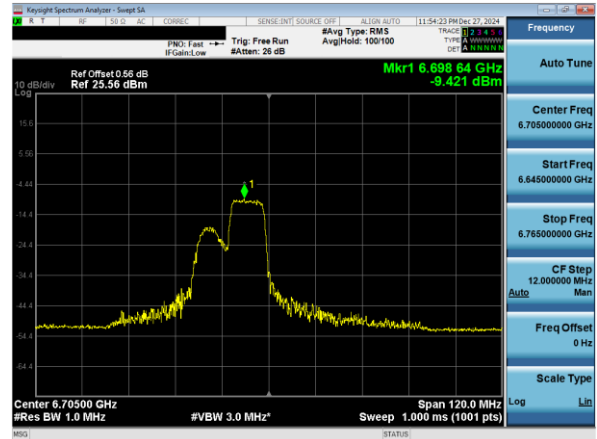


Plot 7-72. PSD Plot Antenna WF2a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

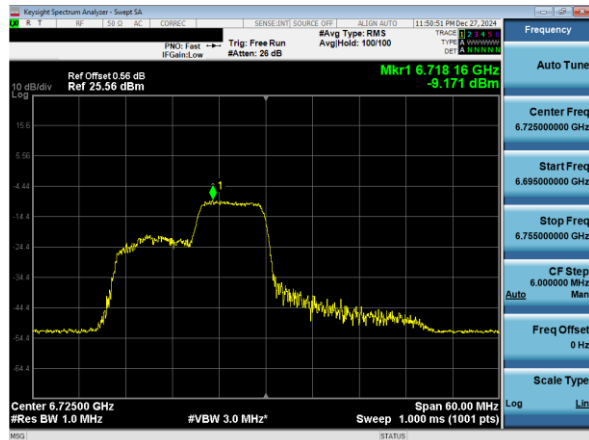
FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 66 of 221



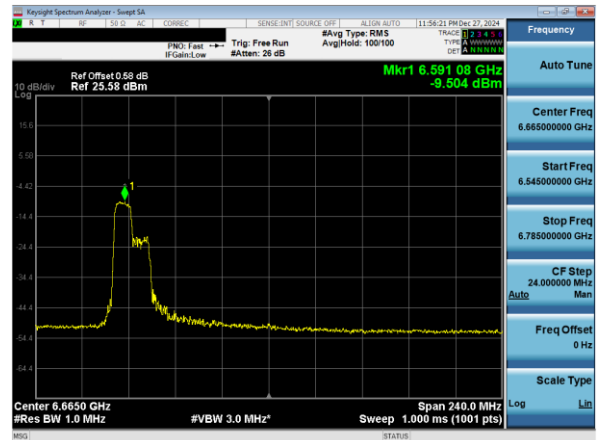
Plot 7-73. PSD Plot Antenna WF2a (20MHz 802.11ax RU106 (UNII Band 7) – Ch. 149)



Plot 7-75. PSD Plot Antenna WF2a (80MHz 802.11ax RU106 (UNII Band 7) – Ch. 151)



Plot 7-74. PSD Plot Antenna WF2a (40MHz 802.11ax RU106 (UNII Band 7) – Ch. 155)

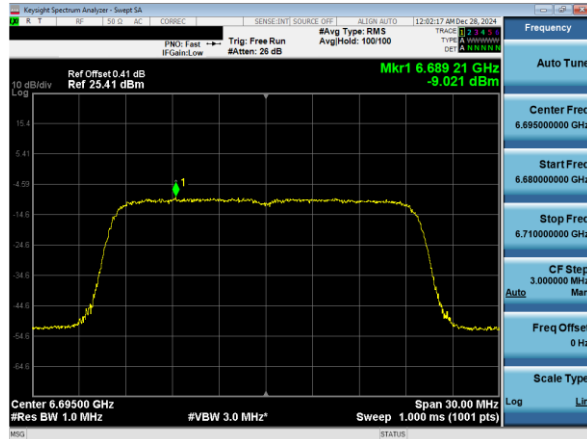


Plot 7-76. PSD Plot Antenna WF2a (160MHz 802.11ax RU106 (UNII Band 7) – Ch. 143)

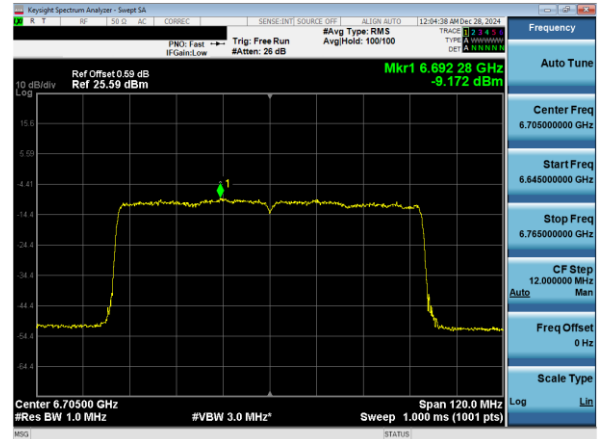
FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 67 of 221

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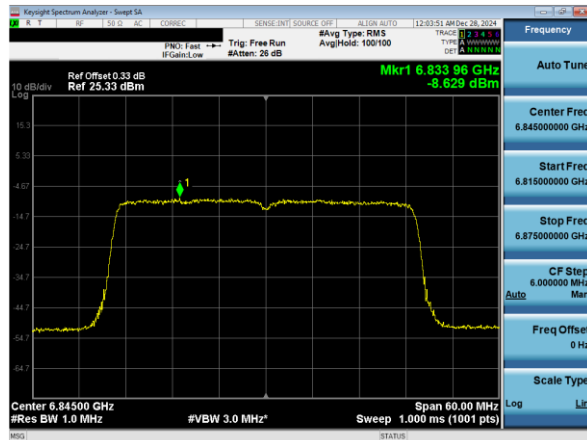
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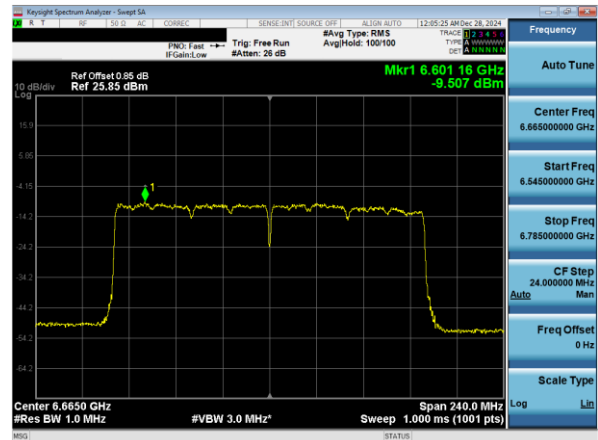
Plot 7-77. PSD Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-79. PSD Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-78. PSD Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)



Plot 7-80. PSD Plot Antenna WF2a (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA3268		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 68 of 221

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7.4.3 Antenna WF7b Power Spectral Density Measurements – VLP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	33	ax (20MHz)	52	37	12.5/14.7 (MCS11)	-7.32	-0.10	-7.42	-5	-2.42
	5935	33	ax (20MHz)	52	39	12.5/14.7 (MCS11)	-7.83	-0.10	-7.93	-5	-2.93
	5935	33	ax (20MHz)	52	40	12.5/14.7 (MCS11)	-7.44	-0.10	-7.54	-5	-2.54
	6175	61	ax (20MHz)	52	37	12.5/14.7 (MCS11)	-5.99	-0.10	-6.09	-5	-1.09
	6175	61	ax (20MHz)	52	39	12.5/14.7 (MCS11)	-6.39	-0.10	-6.49	-5	-1.49
	6175	61	ax (20MHz)	52	40	12.5/14.7 (MCS11)	-6.36	-0.10	-6.46	-5	-1.46
	6415	93	ax (20MHz)	106	53	12.5/14.7 (MCS11)	-7.44	-0.70	-8.14	-5	-3.14
	6415	93	ax (20MHz)	106	54	12.5/14.7 (MCS11)	-7.10	-0.70	-7.80	-5	-2.80
	5965	35	ax (40MHz)	52	37	12.5/14.7 (MCS11)	-7.53	-0.10	-7.63	-5	-2.63
	5965	35	ax (40MHz)	52	40	12.5/14.7 (MCS11)	-7.09	-0.10	-7.19	-5	-2.19
	5965	35	ax (40MHz)	52	44	12.5/14.7 (MCS11)	-7.25	-0.10	-7.35	-5	-2.35
	6165	59	ax (40MHz)	52	37	12.5/14.7 (MCS11)	-6.61	-0.10	-6.71	-5	-1.71
	6165	59	ax (40MHz)	52	40	12.5/14.7 (MCS11)	-6.18	-0.10	-6.28	-5	-1.28
	6165	59	ax (40MHz)	52	44	12.5/14.7 (MCS11)	-6.50	-0.10	-6.60	-5	-1.60
	6165	91	ax (40MHz)	106	53	12.5/14.7 (MCS11)	-7.26	-0.70	-7.96	-5	-2.96
	6165	91	ax (40MHz)	106	54	12.5/14.7 (MCS11)	-8.21	-0.70	-8.91	-5	-3.91
	6165	91	ax (40MHz)	106	56	12.5/14.7 (MCS11)	-7.67	-0.70	-8.37	-5	-3.37
	5985	39	ax (80MHz)	52	37	12.5/14.7 (MCS11)	-7.10	-0.10	-7.20	-5	-2.20
	5985	39	ax (80MHz)	52	44	12.5/14.7 (MCS11)	-7.27	-0.10	-7.37	-5	-2.37
	5985	39	ax (80MHz)	52	52	12.5/14.7 (MCS11)	-7.45	-0.10	-7.55	-5	-2.55
	6145	55	ax (80MHz)	52	37	12.5/14.7 (MCS11)	-6.10	-0.10	-6.20	-5	-1.20
	6145	55	ax (80MHz)	52	44	12.5/14.7 (MCS11)	-6.32	-0.10	-6.42	-5	-1.42
	6145	55	ax (80MHz)	52	52	12.5/14.7 (MCS11)	-6.88	-0.10	-6.98	-5	-1.98
	6385	87	ax (80MHz)	106	53	12.5/14.7 (MCS11)	-8.90	-0.70	-9.60	-5	-4.60
	6385	87	ax (80MHz)	106	56	12.5/14.7 (MCS11)	-7.62	-0.70	-8.32	-5	-3.32
	6385	87	ax (80MHz)	106	60	12.5/14.7 (MCS11)	-7.80	-0.70	-8.50	-5	-3.50
	6181	47	ax (160MHz)	52	37	12.5/14.7 (MCS11)	-7.07	-0.10	-7.17	-5	-2.17
	6181	47	ax (160MHz)	52	44	12.5/14.7 (MCS11)	-5.70	-0.10	-5.80	-5	-0.80
	6181	47	ax (160MHz)	52	52	12.5/14.7 (MCS11)	-5.72	-0.10	-5.82	-5	-0.82
	6345	79	ax (160MHz)	106	53	12.5/14.7 (MCS11)	-7.44	-0.70	-8.14	-5	-3.14
	6345	79	ax (160MHz)	106	56	12.5/14.7 (MCS11)	-8.94	-0.70	-9.64	-5	-4.64
	6345	79	ax (160MHz)	106	60	12.5/14.7 (MCS11)	-7.45	-0.70	-8.15	-5	-3.15
Band 7	6535	117	ax (20MHz)	106	53	12.5/14.7 (MCS11)	-8.92	2.20	-6.72	-5	-1.72
	6535	117	ax (20MHz)	106	54	12.5/14.7 (MCS11)	-9.03	2.20	-6.83	-5	-1.83
	6695	149	ax (20MHz)	106	53	12.5/14.7 (MCS11)	-8.59	2.20	-6.39	-5	-1.39
	6695	149	ax (20MHz)	106	54	12.5/14.7 (MCS11)	-8.91	2.20	-6.71	-5	-1.71
	6875	181	ax (20MHz)	106	53	12.5/14.7 (MCS11)	-7.97	2.20	-5.77	-5	-0.77
	6875	181	ax (20MHz)	106	54	12.5/14.7 (MCS11)	-7.76	2.20	-5.56	-5	-0.56
	6565	123	ax (40MHz)	106	53	12.5/14.7 (MCS11)	-8.64	2.20	-6.44	-5	-1.44
	6565	123	ax (40MHz)	106	54	12.5/14.7 (MCS11)	-9.02	2.20	-6.82	-5	-1.82
	6565	123	ax (40MHz)	106	56	12.5/14.7 (MCS11)	-8.74	2.20	-6.54	-5	-1.54
	6725	155	ax (40MHz)	106	53	12.5/14.7 (MCS11)	-8.69	2.20	-6.49	-5	-1.49
	6725	155	ax (40MHz)	106	54	12.5/14.7 (MCS11)	-8.76	2.20	-6.56	-5	-1.56
	6725	155	ax (40MHz)	106	56	12.5/14.7 (MCS11)	-8.56	2.20	-6.36	-5	-1.36
	6845	179	ax (40MHz)	106	53	12.5/14.7 (MCS11)	-7.85	2.20	-5.65	-5	-0.65
	6845	179	ax (40MHz)	106	54	12.5/14.7 (MCS11)	-8.00	2.20	-5.80	-5	-0.80
	6845	179	ax (40MHz)	106	56	12.5/14.7 (MCS11)	-8.46	2.20	-6.26	-5	-1.26
	6545	135	ax (80MHz)	106	53	12.5/14.7 (MCS11)	-9.20	2.20	-7.00	-5	-2.00
	6545	135	ax (80MHz)	106	56	12.5/14.7 (MCS11)	-8.80	2.20	-6.60	-5	-1.60
	6545	135	ax (80MHz)	106	60	12.5/14.7 (MCS11)	-8.29	2.20	-6.09	-5	-1.09
	6705	151	ax (80MHz)	106	53	12.5/14.7 (MCS11)	-8.13	2.20	-5.93	-5	-0.93
	6705	151	ax (80MHz)	106	56	12.5/14.7 (MCS11)	-8.44	2.20	-6.24	-5	-1.24
	6705	151	ax (80MHz)	106	60	12.5/14.7 (MCS11)	-8.76	2.20	-6.56	-5	-1.56
	6865	167	ax (80MHz)	106	53	12.5/14.7 (MCS11)	-8.62	2.20	-6.42	-5	-1.42
	6865	167	ax (80MHz)	106	56	12.5/14.7 (MCS11)	-8.09	2.20	-5.89	-5	-0.89
	6865	167	ax (80MHz)	106	60	12.5/14.7 (MCS11)	-7.98	2.20	-5.78	-5	-0.78
	6665	143	ax (160MHz)	106	53	12.5/14.7 (MCS11)	-8.91	2.20	-6.71	-5	-1.71
	6665	143	ax (160MHz)	106	56	12.5/14.7 (MCS11)	-8.55	2.20	-6.35	-5	-1.35
	6665	143	ax (160MHz)	106	60	12.5/14.7 (MCS11)	-8.52	2.20	-6.32	-5	-1.32

Table 7-70. Power Spectral Density Measurements Antenna WF7b (Partially-Loaded RU)

FCC ID: BCGA3268	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 69 of 221

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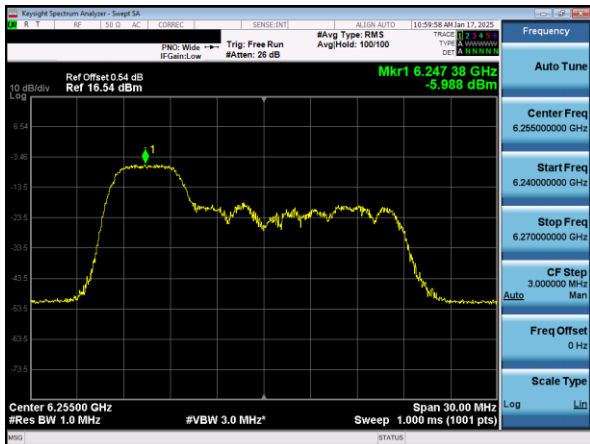
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	33	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.07	-0.10	-7.17	-5	-2.17
	6175	61	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-6.26	-0.10	-6.36	-5	-1.36
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-7.24	-0.70	-7.94	-5	-2.94
	5965	35	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.00	-0.10	-7.10	-5	-2.10
	6165	59	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-6.10	-0.10	-6.20	-5	-1.20
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-6.96	-0.70	-7.66	-5	-2.66
	5985	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-7.10	-0.10	-7.20	-5	-2.20
	6145	55	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-5.55	-0.10	-5.65	-5	-0.65
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-6.97	-0.70	-7.67	-5	-2.67
	6181	47	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-6.83	-0.10	-6.93	-5	-1.93
Band 7	6345	79	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-7.44	-0.70	-8.14	-5	-3.14
	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.11	2.20	-5.91	-5	-0.91
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.62	2.20	-6.42	-5	-1.42
	6875	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-8.12	2.20	-5.92	-5	-0.92
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.66	2.20	-6.46	-5	-1.46
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-8.02	2.20	-5.82	-5	-0.82
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-7.81	2.20	-5.61	-5	-0.61
	6545	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-9.60	2.20	-7.40	-5	-2.40
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.72	2.20	-6.52	-5	-1.52
	6865	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-8.58	2.20	-6.38	-5	-1.38
	6665	143	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-8.35	2.20	-6.15	-5	-1.15

Table 7-71. Power Spectral Density Measurements Antenna WF7b (Fully-Loaded RU)

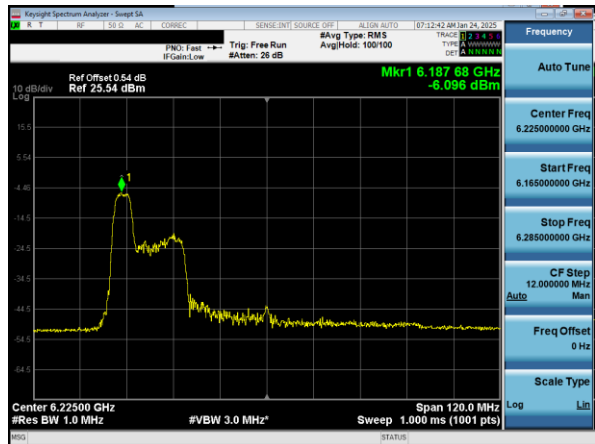
FCC ID: BCGA3268	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 70 of 221

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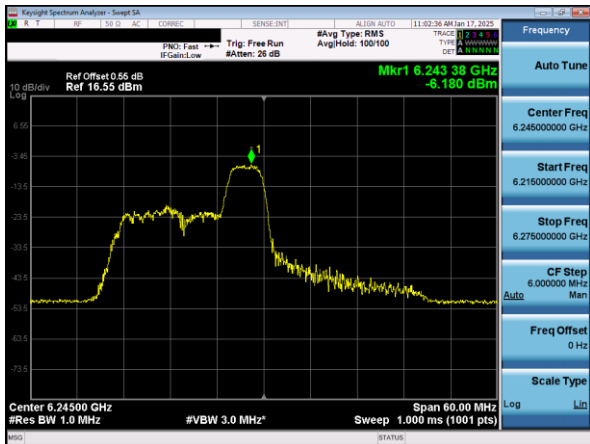
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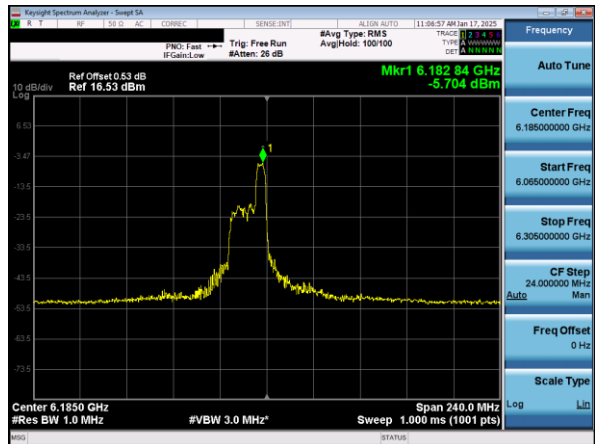
Plot 7-81. PSD Plot Antenna WF7b (20MHz 802.11ax RU52 (UNII Band 5) – Ch. 61)



Plot 7-83. PSD Plot Antenna WF7b (80MHz 802.11ax RU52 (UNII Band 5) – Ch. 55)



Plot 7-82. PSD Plot Antenna WF7b (40MHz 802.11ax RU52 (UNII Band 5) – Ch. 59)

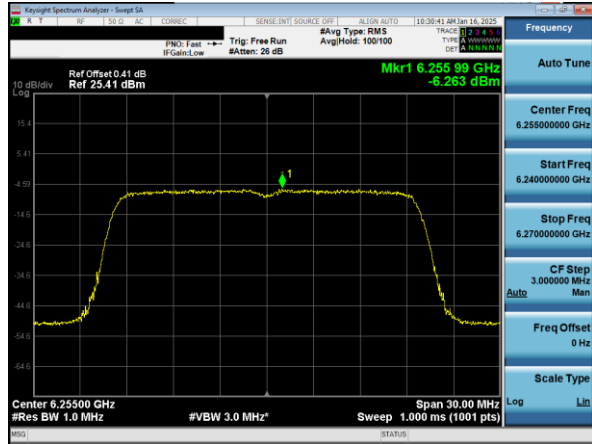


Plot 7-84. PSD Plot Antenna WF7b (160MHz 802.11ax RU52 (UNII Band 5) – Ch. 47)

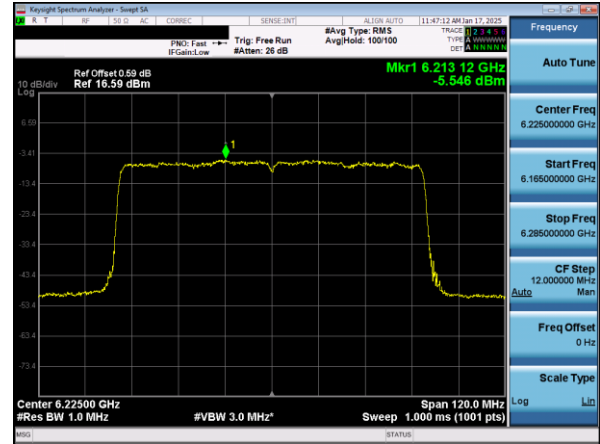
FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 71 of 221

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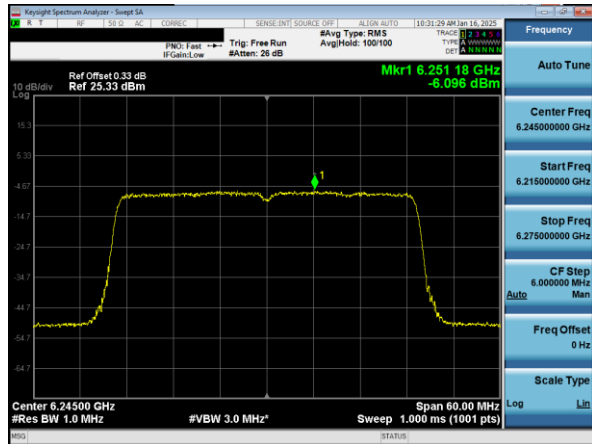
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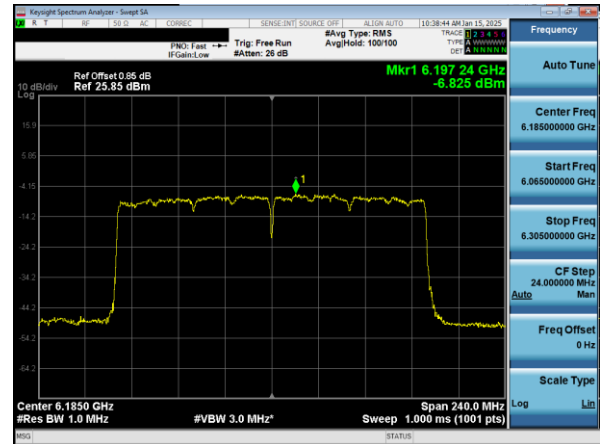
Plot 7-85. PSD Plot Antenna WF7b (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 61)



Plot 7-87. PSD Plot Antenna WF7b (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 55)

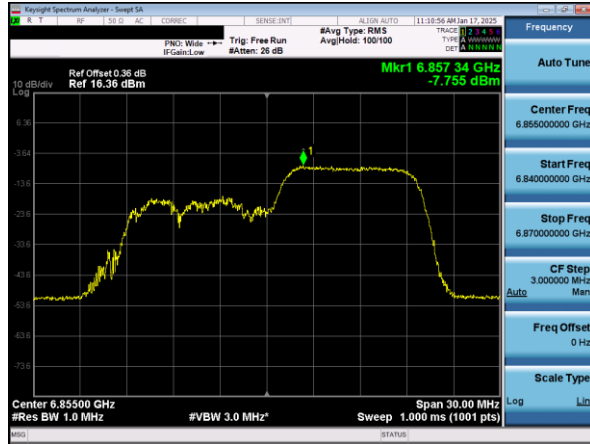


Plot 7-86. PSD Plot Antenna WF7b (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 59)

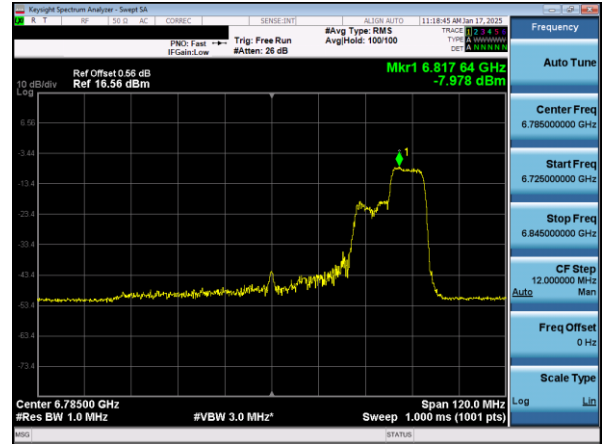


Plot 7-88. PSD Plot Antenna WF7b (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

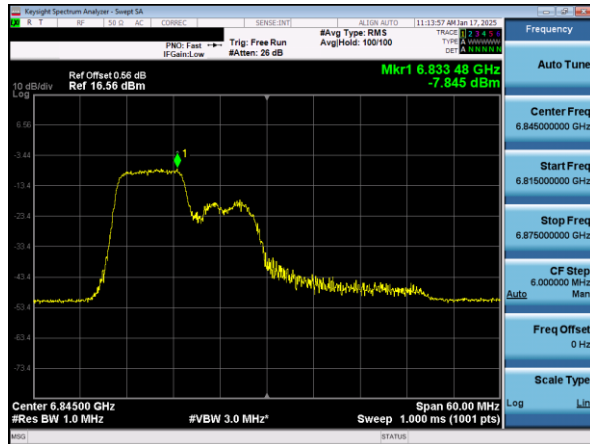
FCC ID: BCGA3268	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 72 of 221



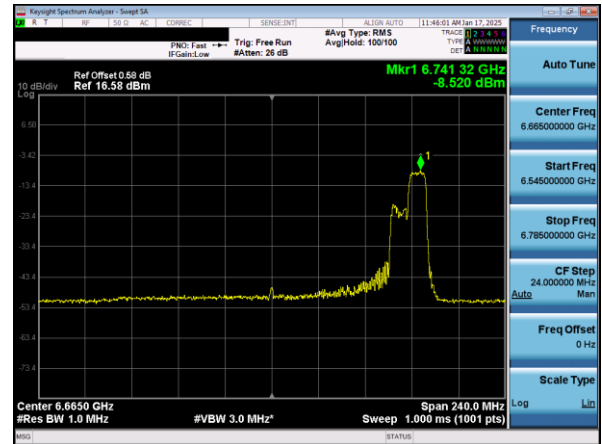
Plot 7-89. PSD Plot Antenna WF7b (20MHz 802.11ax RU106 (UNII Band 7) – Ch. 181)



Plot 7-91. PSD Plot Antenna WF7b (80MHz 802.11ax RU106 (UNII Band 7) – Ch. 167)



Plot 7-90. PSD Plot Antenna WF7b (40MHz 802.11ax RU106 (UNII Band 7) – Ch. 179)

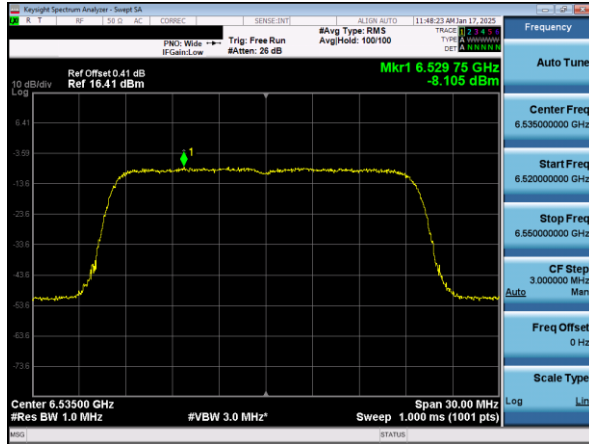


Plot 7-92. PSD Plot Antenna WF7b (160MHz 802.11ax RU106 (UNII Band 7) – Ch. 143)

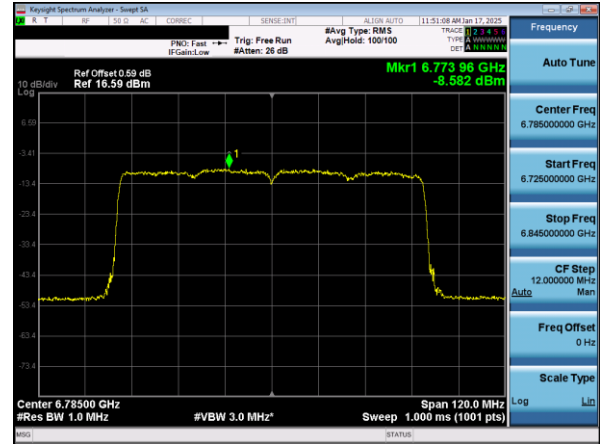
FCC ID: BCGA3268		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 73 of 221

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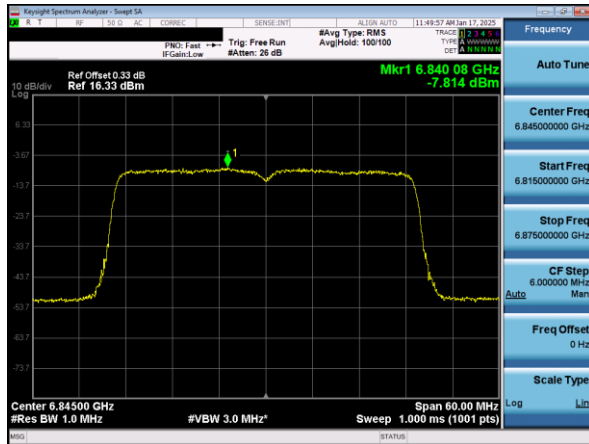
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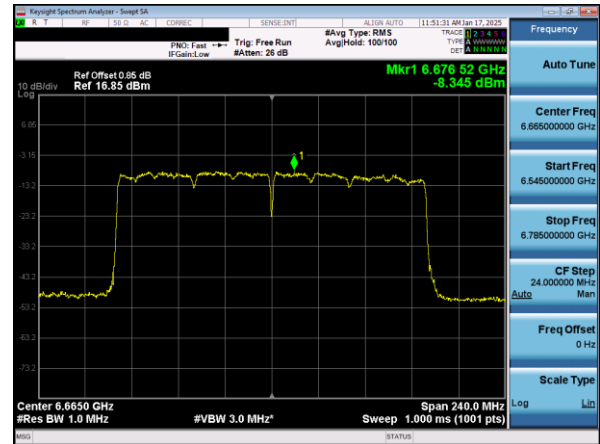
Plot 7-93. PSD Plot Antenna WF7b (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 117)



Plot 7-95. PSD Plot Antenna WF7b (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 167)



Plot 7-94. PSD Plot Antenna WF7b (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)



Plot 7-96. PSD Plot Antenna WF7b (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 74 of 221

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7.4.4 SDM Primary Power Spectral Density Measurements – VLP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna WF7a Power Density [dBm/MHz]	Antenna WF2a Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	106	53	SDM	25/29.4 (MCS11)	-9.16	-9.57	-6.35	-0.10	-6.45	-5	-1.45
	6115	33	ax (20MHz)	106	54	SDM	25/29.4 (MCS11)	-8.82	-9.06	-5.93	-0.10	-6.03	-5	-1.03
	6255	61	ax (20MHz)	106	53	SDM	25/29.4 (MCS11)	-9.69	-10.01	-6.84	-0.10	-6.94	-5	-1.94
	6255	61	ax (20MHz)	106	54	SDM	25/29.4 (MCS11)	-9.54	-10.19	-6.84	-0.10	-6.94	-5	-1.94
	6415	93	ax (20MHz)	106	53	SDM	25/29.4 (MCS11)	-9.84	-10.84	-7.30	0.44	-6.86	-5	-1.86
	6415	93	ax (20MHz)	106	54	SDM	25/29.4 (MCS11)	-9.92	-10.56	-7.22	0.44	-6.78	-5	-1.78
	6125	35	ax (40MHz)	106	53	SDM	25/29.4 (MCS11)	-8.67	-8.90	-5.77	-0.10	-5.87	-5	-0.87
	6125	35	ax (40MHz)	106	54	SDM	25/29.4 (MCS11)	-9.20	-9.50	-6.33	-0.10	-6.43	-5	-1.43
	6125	35	ax (40MHz)	106	56	SDM	25/29.4 (MCS11)	-9.17	-9.42	-6.28	-0.10	-6.38	-5	-1.38
	6245	59	ax (40MHz)	106	53	SDM	25/29.4 (MCS11)	-9.87	-10.23	-7.03	-0.10	-7.13	-5	-2.13
	6245	59	ax (40MHz)	106	54	SDM	25/29.4 (MCS11)	-9.42	-10.62	-6.97	-0.10	-7.07	-5	-2.07
	6245	59	ax (40MHz)	106	56	SDM	25/29.4 (MCS11)	-9.23	-10.74	-6.91	-0.10	-7.01	-5	-2.01
	6405	91	ax (40MHz)	106	53	SDM	25/29.4 (MCS11)	-9.79	-11.12	-7.39	0.44	-6.95	-5	-1.95
	6405	91	ax (40MHz)	106	54	SDM	25/29.4 (MCS11)	-9.44	-10.53	-6.94	0.44	-6.50	-5	-1.50
	6405	91	ax (40MHz)	106	56	SDM	25/29.4 (MCS11)	-9.99	-10.46	-7.21	0.44	-6.77	-5	-1.77
	6145	39	ax (80MHz)	106	53	SDM	25/29.4 (MCS11)	-9.03	-9.13	-6.07	-0.10	-6.17	-5	-1.17
	6145	39	ax (80MHz)	106	56	SDM	25/29.4 (MCS11)	-9.30	-9.21	-6.24	-0.10	-6.34	-5	-1.34
	6145	39	ax (80MHz)	106	60	SDM	25/29.4 (MCS11)	-9.00	-9.16	-6.07	-0.10	-6.17	-5	-1.17
	6225	55	ax (80MHz)	106	53	SDM	25/29.4 (MCS11)	-9.52	-10.13	-6.81	-0.10	-6.91	-5	-1.91
	6225	55	ax (80MHz)	106	56	SDM	25/29.4 (MCS11)	-9.68	-10.25	-6.94	-0.10	-7.04	-5	-2.04
	6225	55	ax (80MHz)	106	60	SDM	25/29.4 (MCS11)	-9.60	-9.99	-6.78	-0.10	-6.88	-5	-1.88
	6385	87	ax (80MHz)	106	53	SDM	25/29.4 (MCS11)	-9.54	-10.81	-7.12	0.44	-6.68	-5	-1.68
	6385	87	ax (80MHz)	106	56	SDM	25/29.4 (MCS11)	-9.71	-10.82	-7.22	0.44	-6.78	-5	-1.78
	6385	87	ax (80MHz)	106	60	SDM	25/29.4 (MCS11)	-9.73	-10.51	-7.10	0.44	-6.66	-5	-1.66
	6185	47	ax (160MHz)	106	53	SDM	25/29.4 (MCS11)	-9.96	-9.76	-6.85	-0.10	-6.95	-5	-1.95
	6185	47	ax (160MHz)	106	56	SDM	25/29.4 (MCS11)	-9.72	-9.44	-6.56	-0.10	-6.66	-5	-1.66
	6185	47	ax (160MHz)	106	60	SDM	25/29.4 (MCS11)	-10.23	-10.20	-7.21	-0.10	-7.31	-5	-2.31
	6345	79	ax (160MHz)	106	53	SDM	25/29.4 (MCS11)	-10.39	-10.62	-7.49	0.44	-7.06	-5	-2.06
	6345	79	ax (160MHz)	106	56	SDM	25/29.4 (MCS11)	-11.15	-10.43	-7.76	0.44	-7.33	-5	-2.33
	6345	79	ax (160MHz)	106	60	SDM	25/29.4 (MCS11)	-9.48	-10.48	-6.94	0.44	-6.50	-5	-1.50
Band 7	6565	123	ax (40MHz)	242	61	SDM	25/29.4 (MCS11)	-11.44	-11.53	-8.47	1.91	-6.56	-5	-1.56
	6565	123	ax (40MHz)	242	62	SDM	25/29.4 (MCS11)	-11.19	-11.12	-8.14	1.91	-6.23	-5	-1.23
	6725	155	ax (40MHz)	242	61	SDM	25/29.4 (MCS11)	-11.17	-11.46	-8.30	1.91	-6.39	-5	-1.39
	6725	155	ax (40MHz)	242	62	SDM	25/29.4 (MCS11)	-11.10	-11.48	-8.27	1.91	-6.36	-5	-1.36
	6845	179	ax (40MHz)	242	61	SDM	25/29.4 (MCS11)	-11.19	-11.27	-8.22	1.91	-6.31	-5	-1.31
	6845	179	ax (40MHz)	242	62	SDM	25/29.4 (MCS11)	-11.21	-11.04	-8.11	1.91	-6.20	-5	-1.20
	6625	135	ax (80MHz)	242	61	SDM	25/29.4 (MCS11)	-11.57	-11.19	-8.37	1.91	-6.45	-5	-1.45
	6625	135	ax (80MHz)	242	62	SDM	25/29.4 (MCS11)	-11.83	-12.28	-9.03	1.91	-7.12	-5	-2.12
	6625	135	ax (80MHz)	242	64	SDM	25/29.4 (MCS11)	-11.42	-11.87	-8.63	1.91	-6.72	-5	-1.72
	6705	151	ax (80MHz)	242	61	SDM	25/29.4 (MCS11)	-11.17	-11.56	-8.35	1.91	-6.44	-5	-1.44
	6705	151	ax (80MHz)	242	62	SDM	25/29.4 (MCS11)	-11.26	-11.61	-8.42	1.91	-6.51	-5	-1.51
	6705	151	ax (80MHz)	242	64	SDM	25/29.4 (MCS11)	-11.24	-11.39	-8.30	1.91	-6.39	-5	-1.39
	6785	167	ax (80MHz)	242	61	SDM	25/29.4 (MCS11)	-10.84	-11.47	-8.14	1.91	-6.22	-5	-1.22
	6785	167	ax (80MHz)	242	62	SDM	25/29.4 (MCS11)	-11.36	-12.17	-8.73	1.91	-6.82	-5	-1.82
	6785	167	ax (80MHz)	242	64	SDM	25/29.4 (MCS11)	-11.06	-11.56	-8.29	1.91	-6.38	-5	-1.38
	6665	143	ax (160MHz)	242	61	SDM	25/29.4 (MCS11)	-11.12	-11.72	-8.40	1.91	-6.48	-5	-1.48
	6665	143	ax (160MHz)	242	62	SDM	25/29.4 (MCS11)	-12.10	-12.17	-9.12	1.91	-7.21	-5	-2.21
	6665	143	ax (160MHz)	242	64	SDM	25/29.4 (MCS11)	-10.77	-11.34	-8.04	1.91	-6.12	-5	-1.12

Table 7-72. Power Spectral Density Measurements SDM Primary (Partially-Loaded RU)

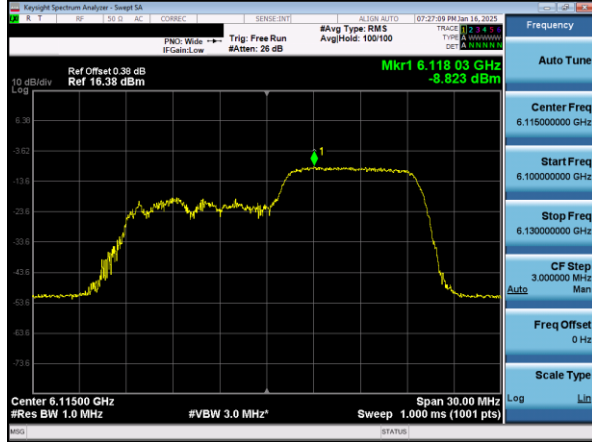
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna WF7a Power Density [dBm/MHz]	Antenna WF2a Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	33	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.70	-8.97	-5.82	-0.10	-5.92	-5	-0.92
	6175	61	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-9.13	-9.61	-6.35	-0.10	-6.45	-5	-1.45
	6415	93	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.70	-9.60	-6.11	0.44	-5.68	-5	-0.68
	5965	35	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-8.80	-8.76	-5.77	-0.10	-5.87	-5	-0.87
	6165	59	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-8.86	-9.49	-6.15	-0.10	-6.25	-5	-1.25
	6165	91	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.00	-9.73	-6.34	0.44	-5.90	-5	-0.90
	5985	39	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-9.72	-9.93	-6.82	-0.10	-6.92	-5	-1.92
	6145	55	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-10.04	-9.80	-6.90	-0.10	-7.00	-5	-2.00
	6385	87	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-10.19	-10.23	-7.20	0.44	-6.76	-5	-1.76
	6181	47	ax (160MHz)	996	68	SDM	2041.6/2402 (MCS11)	-9.95	-9.26	-6.58	-0.10	-6.68	-5	-1.68
	6345	79	ax (160MHz)	996	68	SDM	2041.6/2402 (MCS11)	-10.52	-10.51	-7.50	0.44	-7.07	-5	-2.07
	6535	117	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.32	-11.14	-8.22	1.91	-6.30	-5	-1.30
Band 7	6695	149	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.66	-11.24	-7.93	1.91	-6.01	-5	-1.01
	6875	181	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.96	-11.19	-8.06	1.91	-6.15	-5	-1.15
	6565	123	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-10.76	-11.72	-8.21	1.91	-6.29	-5	-1.29
	6725	155	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.21	-11.14	-8.16	1.91	-6.25	-5	-1.25
	6845	179	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-10.88	-11.38	-8.11	1.91	-6.20	-5	-1.20
	6545	135	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.87	-12.28	-9.06	1.91	-7.15	-5	-2.15
	6705	151	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.42	-11.76	-8.58	1.91	-6.66	-5	-1.66
	6865	167	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.66	-11.61	-8.63	1.91	-6.71	-5	-1.71
	6665	143	ax (160MHz)	996	68	SDM	2041.6/2402 (MCS11)	-11.82	-11.81	-8.80	1.91	-6.89	-5	-1.89

Table 7-73. Power Spectral Density Measurements SDM Primary (Fully-Loaded RU)

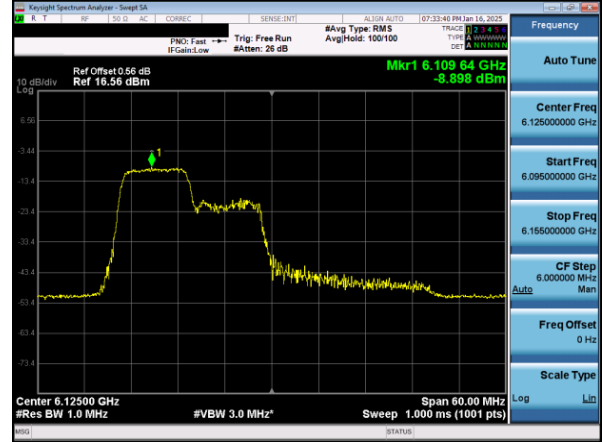
FCC ID: BCGA3268		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 75 of 221

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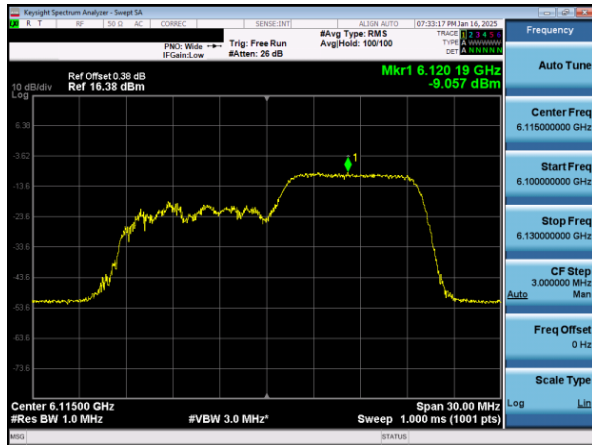
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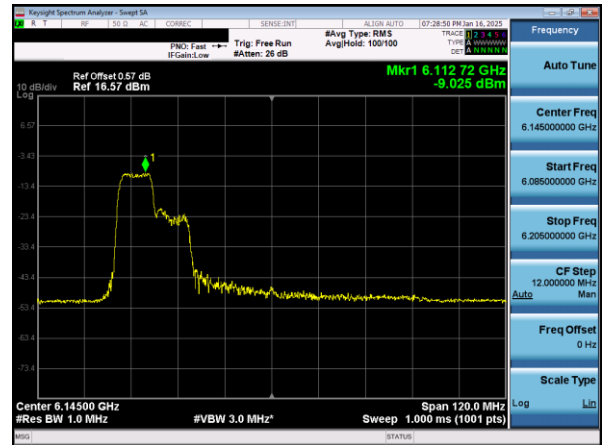
Plot 7-97. PSD Plot Antenna WF7a (20MHz 802.11ax RU106 (UNII Band 5) – Ch. 33)



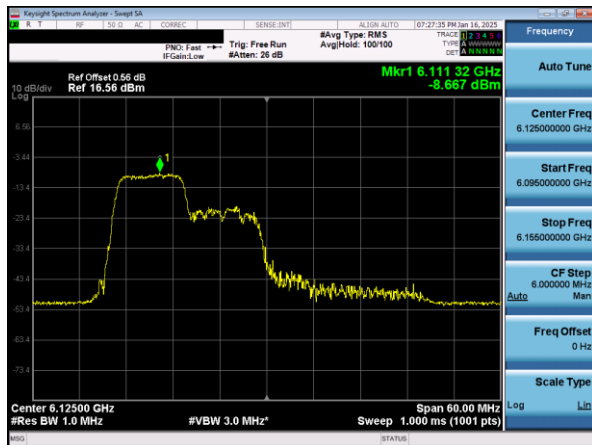
Plot 7-100. PSD Plot Antenna WF2a (40MHz 802.11ax RU106 (UNII Band 5) – Ch. 35)



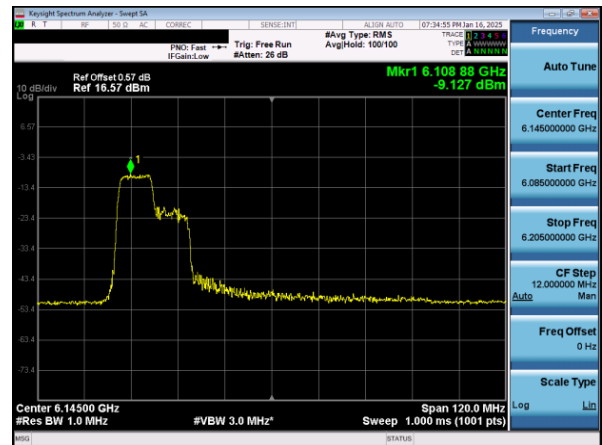
Plot 7-98. PSD Plot Antenna WF2a (20MHz 802.11ax RU106 (UNII Band 5) – Ch. 33)



Plot 7-101. PSD Plot Antenna WF7a (80MHz 802.11ax RU106 (UNII Band 5) – Ch. 39)



Plot 7-99. PSD Plot Antenna WF7a (40MHz 802.11ax RU106 (UNII Band 5) – Ch. 35)

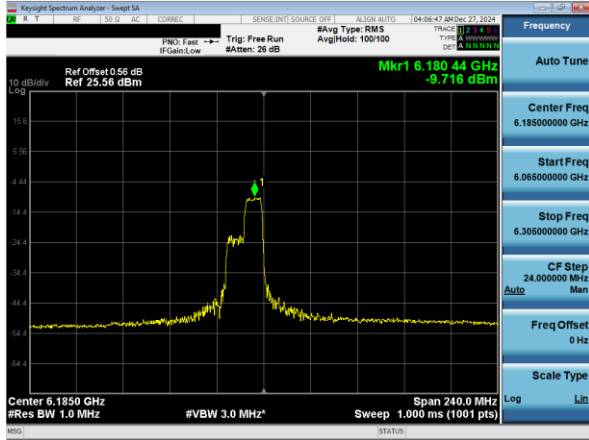


Plot 7-102. PSD Plot Antenna WF2a (80MHz 802.11ax RU106 (UNII Band 5) – Ch. 39)

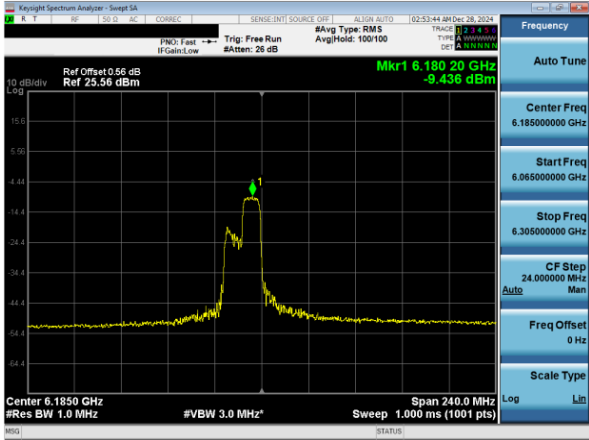
FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 76 of 221

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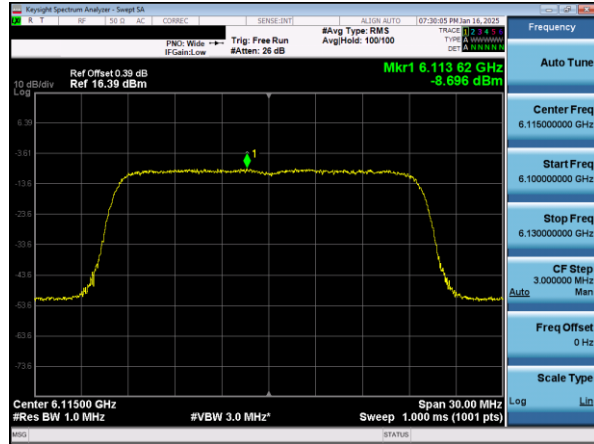


Plot 7-103. PSD Plot Antenna WF7a (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)

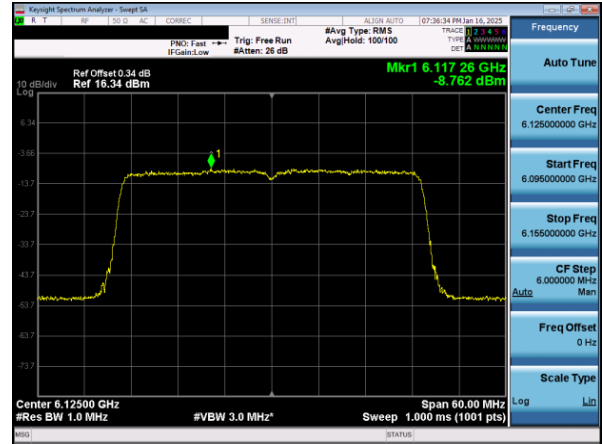


Plot 7-104. PSD Plot Antenna WF2a (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)

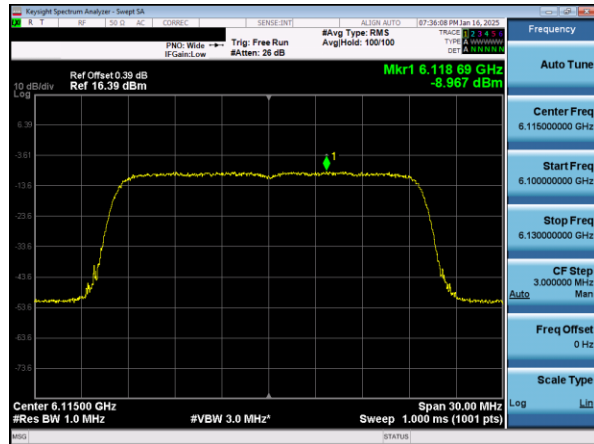
FCC ID: BCGA3268		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 77 of 221



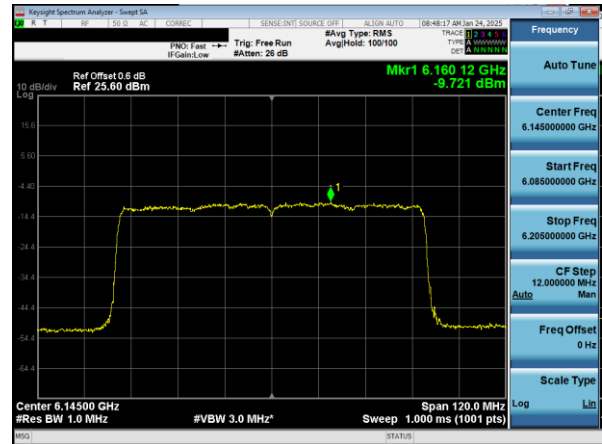
Plot 7-105. PSD Plot Antenna WF7a (20MHz 802.11ax RU242) (UNII Band 5) - Ch. 33)



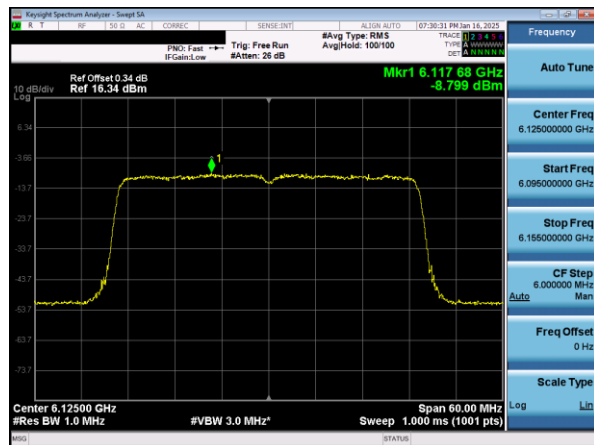
Plot 7-108. PSD Plot Antenna WF2a (40MHz 802.11ax RU484) (UNII Band 5) - Ch. 35)



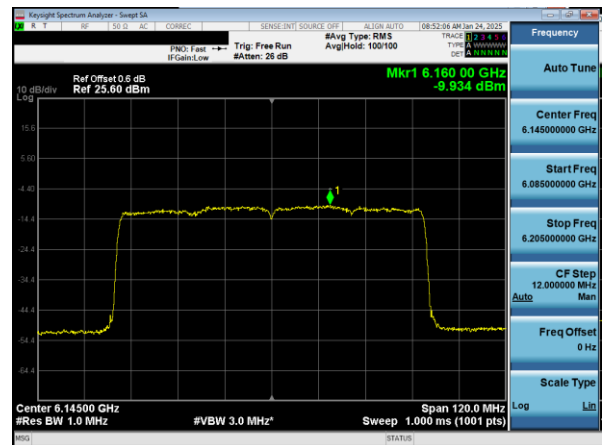
Plot 7-106. PSD Plot Antenna WF7a (20MHz 802.11ax RU242) (UNII Band 5) - Ch. 33)



Plot 7-109. PSD Plot Antenna WF2a (80MHz 802.11ax RU996) (UNII Band 5) - Ch. 39)

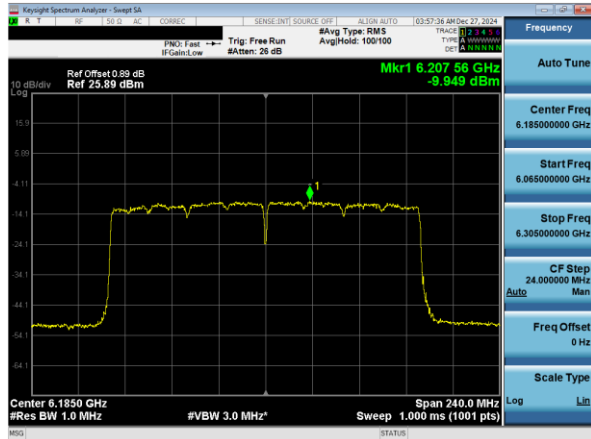


Plot 7-107. PSD Plot Antenna WF7a (40MHz 802.11ax RU484) (UNII Band 5) - Ch. 35)

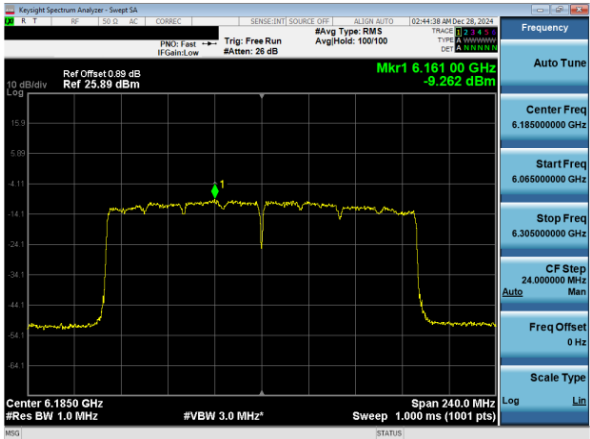


Plot 7-110. PSD Plot Antenna WF2a (80MHz 802.11ax RU996) (UNII Band 5) - Ch. 39)

FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 78 of 221

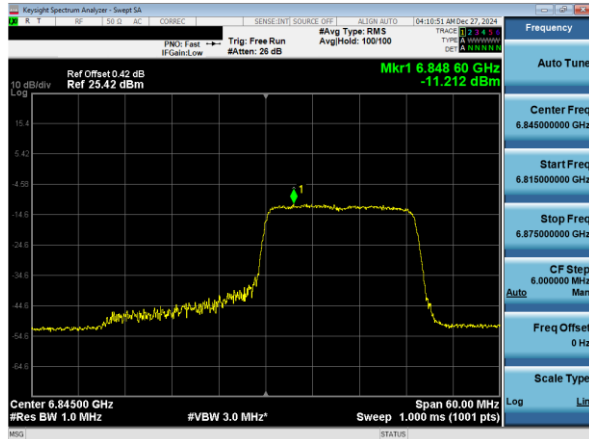


Plot 7-111. PSD Plot Antenna WF7a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

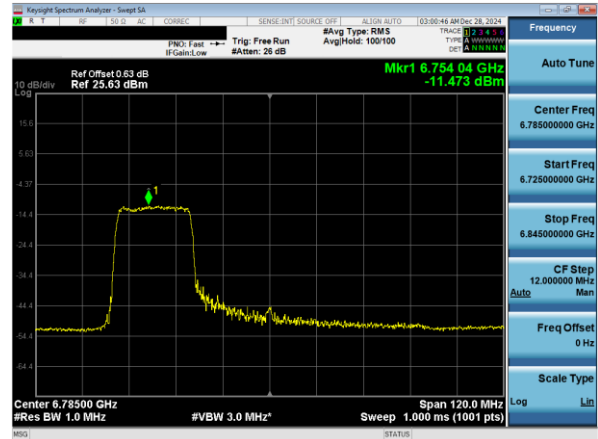


Plot 7-112. PSD Plot Antenna WF2a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

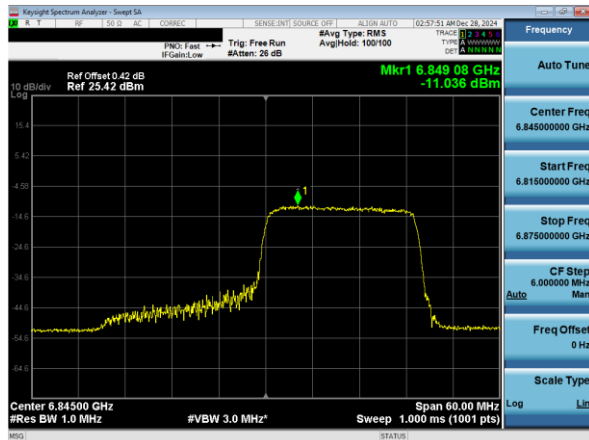
FCC ID: BCGA3268		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 79 of 221



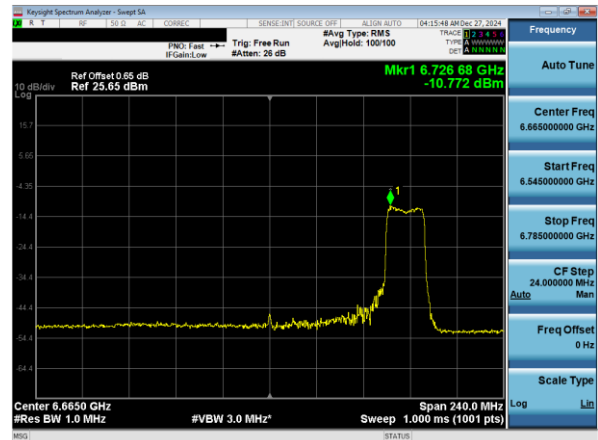
Plot 7-113. PSD Plot Antenna WF7a (40MHz 802.11ax RU242 (UNII Band 7) - Ch. 179)



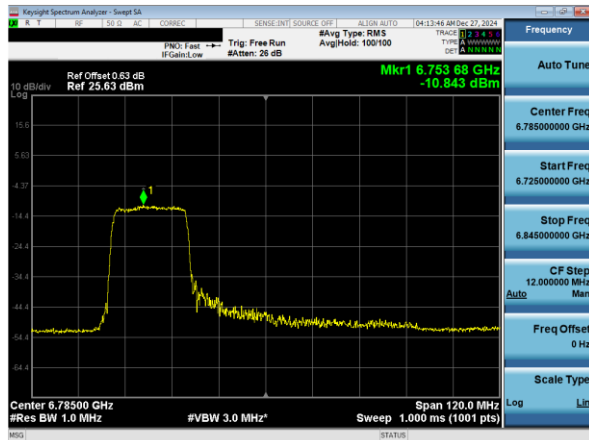
Plot 7-116. PSD Plot Antenna WF2a (80MHz 802.11ax RU242 (UNII Band 7) - Ch. 167)



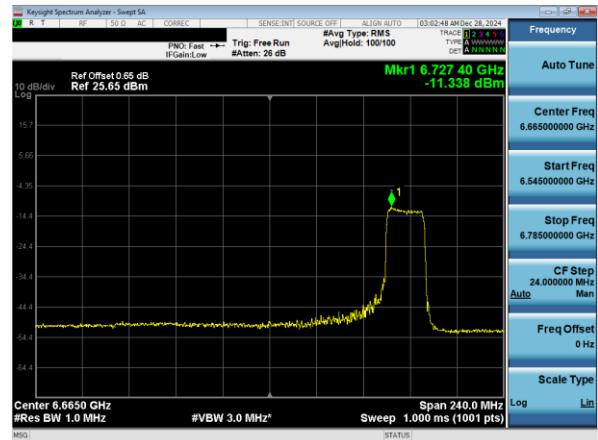
Plot 7-114. PSD Plot Antenna WF2a (40MHz 802.11ax RU242 (UNII Band 7) - Ch. 179)



Plot 7-117. PSD Plot Antenna WF7a (160MHz 802.11ax RU242 (UNII Band 7) - Ch. 143)

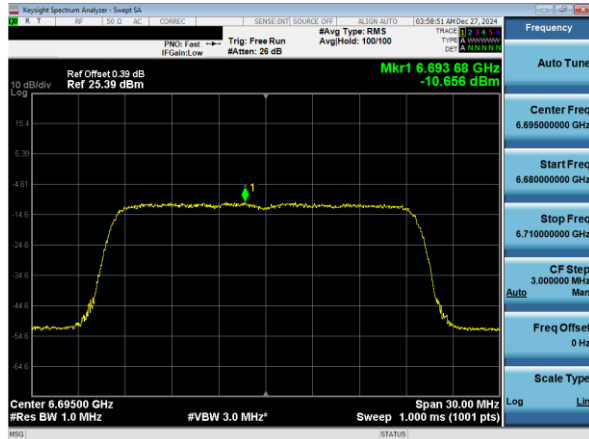


Plot 7-115. PSD Plot Antenna WF7a (80MHz 802.11ax RU242 (UNII Band 7) - Ch. 167)

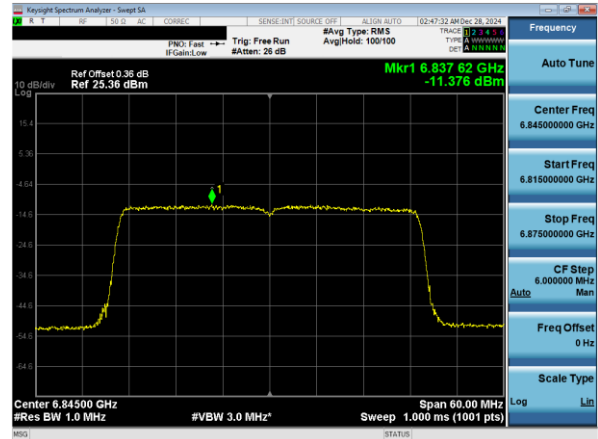


Plot 7-118. PSD Plot Antenna WF2a (160MHz 802.11ax RU242 (UNII Band 7) - Ch. 143)

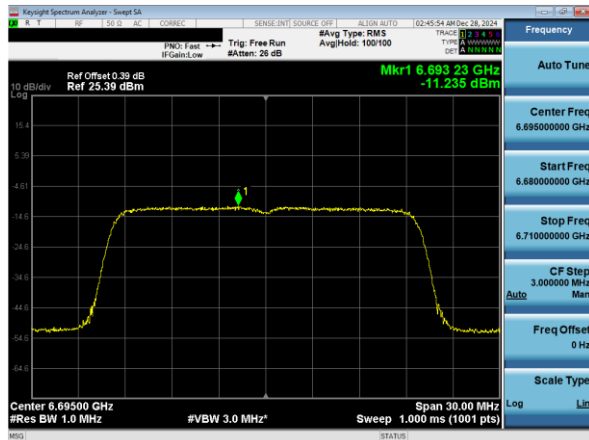
FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 80 of 221



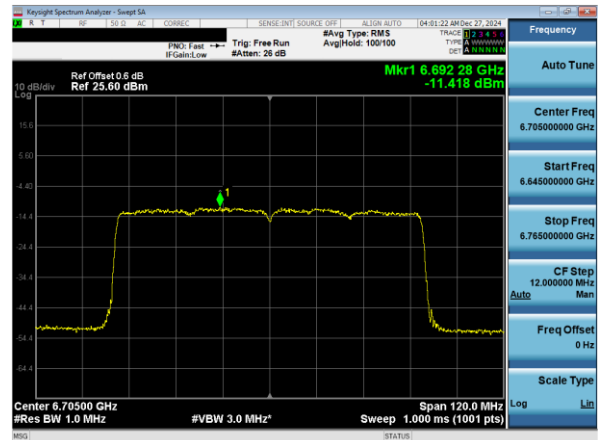
Plot 7-119. PSD Plot Antenna WF7a (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 149)



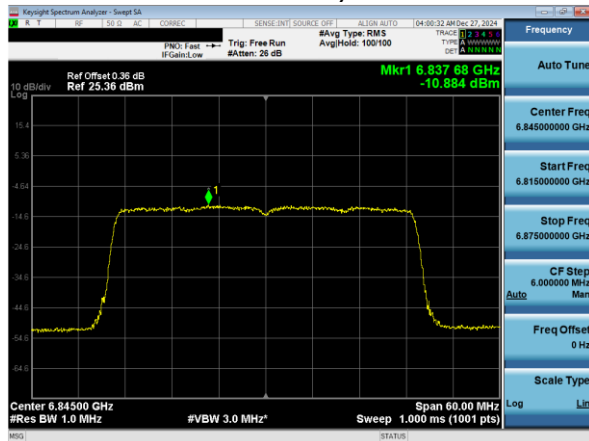
Plot 7-122. PSD Plot Antenna WF2a (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 179)



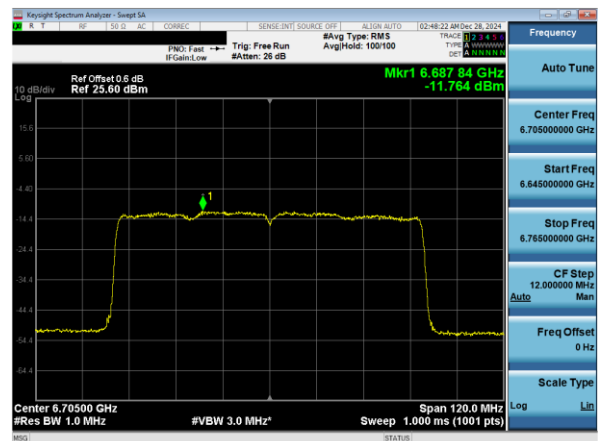
Plot 7-120. PSD Plot Antenna WF2a (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 149)



Plot 7-123. PSD Plot Antenna WF7a (80MHz 802.11ax RU996 (UNII Band 7) - Ch. 151)

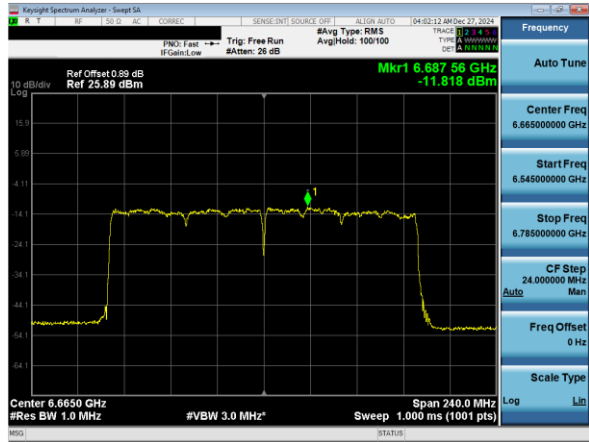


Plot 7-121. PSD Plot Antenna WF7a (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 179)

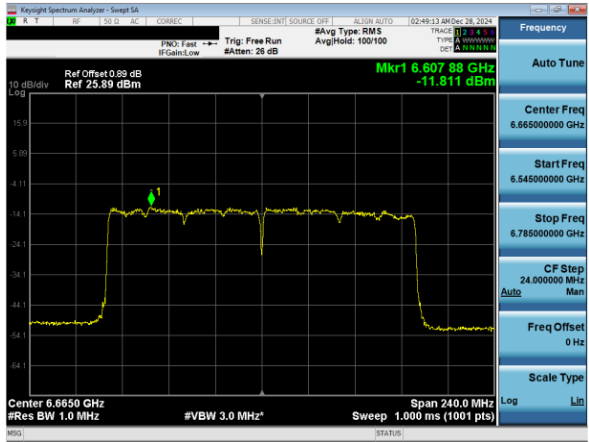


Plot 7-124. PSD Plot Antenna WF2a (80MHz 802.11ax RU996 (UNII Band 7) - Ch. 151)

FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 81 of 221



Plot 7-125. PSD Plot Antenna WF7a (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)



Plot 7-126. PSD Plot Antenna WF2a (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA3268		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 82 of 221

7.4.5 SDM Diversity Power Spectral Density Measurements – VLP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna WF2a Power Density [dBm/MHz]	Antenna WF7b Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	106	53	SDM	25/29.4 (MCS11)	-9.57	-9.29	-6.42	-0.10	-6.52	-5	-1.52
	6115	33	ax (20MHz)	106	54	SDM	25/29.4 (MCS11)	-9.06	-9.03	-6.04	-0.10	-6.14	-5	-1.14
	6255	61	ax (20MHz)	106	53	SDM	25/29.4 (MCS11)	-10.01	-9.49	-6.73	-0.10	-6.83	-5	-1.83
	6255	61	ax (20MHz)	106	54	SDM	25/29.4 (MCS11)	-10.19	-9.06	-6.58	-0.10	-6.68	-5	-1.68
	6415	93	ax (20MHz)	106	53	SDM	25/29.4 (MCS11)	-10.84	-9.63	-7.18	-0.75	-7.93	-5	-2.93
	6415	93	ax (20MHz)	106	54	SDM	25/29.4 (MCS11)	-10.56	-9.28	-6.86	-0.75	-7.61	-5	-2.61
	6125	35	ax (40MHz)	106	53	SDM	25/29.4 (MCS11)	-8.90	-9.22	-6.04	-0.10	-6.14	-5	-1.14
	6125	35	ax (40MHz)	106	54	SDM	25/29.4 (MCS11)	-9.50	-9.18	-6.32	-0.10	-6.42	-5	-1.42
	6125	35	ax (40MHz)	106	56	SDM	25/29.4 (MCS11)	-9.42	-8.78	-6.07	-0.10	-6.17	-5	-1.17
	6245	59	ax (40MHz)	106	53	SDM	25/29.4 (MCS11)	-10.23	-9.18	-6.66	-0.10	-6.76	-5	-1.76
	6245	59	ax (40MHz)	106	54	SDM	25/29.4 (MCS11)	-10.62	-9.81	-7.18	-0.10	-7.28	-5	-2.28
	6245	59	ax (40MHz)	106	56	SDM	25/29.4 (MCS11)	-10.74	-9.59	-7.11	-0.10	-7.21	-5	-2.21
	6405	91	ax (40MHz)	106	53	SDM	25/29.4 (MCS11)	-11.12	-10.09	-7.56	-0.75	-8.31	-5	-3.31
	6405	91	ax (40MHz)	106	54	SDM	25/29.4 (MCS11)	-10.53	-9.59	-7.02	-0.75	-7.77	-5	-2.77
	6405	91	ax (40MHz)	106	56	SDM	25/29.4 (MCS11)	-10.46	-9.58	-6.99	-0.75	-7.74	-5	-2.74
	6145	39	ax (80MHz)	106	53	SDM	25/29.4 (MCS11)	-9.13	-9.07	-6.09	-0.10	-6.19	-5	-1.19
	6145	39	ax (80MHz)	106	56	SDM	25/29.4 (MCS11)	-9.21	-9.38	-6.28	-0.10	-6.38	-5	-1.38
	6145	39	ax (80MHz)	106	60	SDM	25/29.4 (MCS11)	-9.16	-9.05	-6.09	-0.10	-6.19	-5	-1.19
	6225	55	ax (80MHz)	106	53	SDM	25/29.4 (MCS11)	-10.13	-9.45	-6.77	-0.10	-6.87	-5	-1.87
	6225	55	ax (80MHz)	106	56	SDM	25/29.4 (MCS11)	-10.25	-9.33	-6.76	-0.10	-6.86	-5	-1.86
	6225	55	ax (80MHz)	106	60	SDM	25/29.4 (MCS11)	-9.99	-9.33	-6.64	-0.10	-6.74	-5	-1.74
	6385	87	ax (80MHz)	106	53	SDM	25/29.4 (MCS11)	-10.81	-10.58	-7.68	-0.75	-8.43	-5	-3.43
	6385	87	ax (80MHz)	106	56	SDM	25/29.4 (MCS11)	-10.82	-9.83	-7.28	-0.75	-8.03	-5	-3.03
	6385	87	ax (80MHz)	106	60	SDM	25/29.4 (MCS11)	-10.51	-9.51	-6.97	-0.75	-7.72	-5	-2.72
	6185	47	ax (160MHz)	106	53	SDM	25/29.4 (MCS11)	-9.76	-8.47	-6.05	-0.10	-6.15	-5	-1.15
	6185	47	ax (160MHz)	106	56	SDM	25/29.4 (MCS11)	-9.44	-8.54	-5.96	-0.10	-6.06	-5	-1.06
	6185	47	ax (160MHz)	106	60	SDM	25/29.4 (MCS11)	-10.20	-8.71	-6.38	-0.10	-6.48	-5	-1.48
	6345	79	ax (160MHz)	106	53	SDM	25/29.4 (MCS11)	-10.62	-9.42	-6.97	-0.75	-7.72	-5	-2.72
	6345	79	ax (160MHz)	106	56	SDM	25/29.4 (MCS11)	-10.43	-9.17	-6.74	-0.75	-7.49	-5	-2.49
	6345	79	ax (160MHz)	106	60	SDM	25/29.4 (MCS11)	-10.48	-10.14	-7.29	-0.75	-8.04	-5	-3.04
Band 7	6565	123	ax (40MHz)	242	61	SDM	25/29.4 (MCS11)	-11.53	-10.81	-8.14	1.68	-6.46	-5	-1.46
	6565	123	ax (40MHz)	242	62	SDM	25/29.4 (MCS11)	-11.12	-10.80	-7.95	1.68	-6.26	-5	-1.26
	6725	155	ax (40MHz)	242	61	SDM	25/29.4 (MCS11)	-11.46	-10.80	-8.10	1.68	-6.42	-5	-1.42
	6725	155	ax (40MHz)	242	62	SDM	25/29.4 (MCS11)	-11.48	-10.66	-8.04	1.68	-6.36	-5	-1.36
	6845	179	ax (40MHz)	242	61	SDM	25/29.4 (MCS11)	-11.27	-9.98	-7.57	1.68	-5.88	-5	-0.88
	6845	179	ax (40MHz)	242	62	SDM	25/29.4 (MCS11)	-11.04	-10.32	-7.65	1.68	-5.97	-5	-0.97
	6625	135	ax (80MHz)	242	61	SDM	25/29.4 (MCS11)	-11.19	-10.24	-7.68	1.68	-5.99	-5	-0.99
	6625	135	ax (80MHz)	242	62	SDM	25/29.4 (MCS11)	-12.28	-12.13	-9.19	1.68	-7.50	-5	-2.50
	6625	135	ax (80MHz)	242	64	SDM	25/29.4 (MCS11)	-11.87	-11.93	-8.89	1.68	-7.21	-5	-2.21
	6705	151	ax (80MHz)	242	61	SDM	25/29.4 (MCS11)	-11.56	-10.86	-8.19	1.68	-6.50	-5	-1.50
	6705	151	ax (80MHz)	242	62	SDM	25/29.4 (MCS11)	-11.61	-10.88	-8.22	1.68	-6.53	-5	-1.53
	6705	151	ax (80MHz)	242	64	SDM	25/29.4 (MCS11)	-11.39	-10.45	-7.88	1.68	-6.20	-5	-1.20
	6785	167	ax (80MHz)	242	61	SDM	25/29.4 (MCS11)	-11.47	-10.42	-7.90	1.68	-6.22	-5	-1.22
	6785	167	ax (80MHz)	242	62	SDM	25/29.4 (MCS11)	-12.17	-11.59	-8.86	1.68	-7.17	-5	-2.17
	6785	167	ax (80MHz)	242	64	SDM	25/29.4 (MCS11)	-11.56	-10.16	-7.79	1.68	-6.11	-5	-1.11
	6665	143	ax (160MHz)	242	61	SDM	25/29.4 (MCS11)	-11.72	-10.94	-8.30	1.68	-6.62	-5	-1.62
	6665	143	ax (160MHz)	242	62	SDM	25/29.4 (MCS11)	-12.17	-11.65	-8.89	1.68	-7.20	-5	-2.20
	6665	143	ax (160MHz)	242	64	SDM	25/29.4 (MCS11)	-11.34	-11.59	-8.45	1.68	-6.77	-5	-1.77

Table 7-74. Power Spectral Density Measurements SDM Diversity (Partially-Loaded RU)

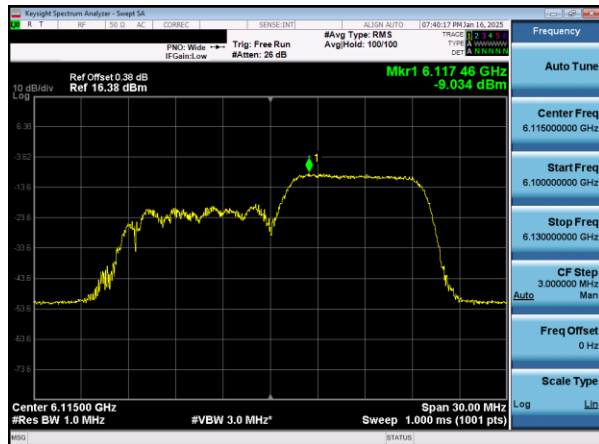
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna WF2a Power Density [dBm/MHz]	Antenna WF7b Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	33	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-8.97	-9.03	-5.99	-0.10	-6.09	-5	-1.09
	6175	61	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-9.61	-8.87	-6.21	-0.10	-6.31	-5	-1.31
	6415	93	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-10.51	-8.54	-6.40	-0.75	-7.15	-5	-2.15
	5965	35	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-8.76	-8.73	-5.74	-0.10	-5.84	-5	-0.84
	6165	59	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.49	-8.45	-5.92	-0.10	-6.02	-5	-1.02
	6165	91	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-9.73	-8.87	-6.27	-0.75	-7.02	-5	-2.02
	5985	39	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-9.93	-9.59	-6.75	-0.10	-6.85	-5	-1.85
	6145	55	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-9.80	-9.17	-6.46	-0.10	-6.56	-5	-1.56
	6385	87	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-10.23	-10.13	-7.17	-0.75	-7.92	-5	-2.92
	6181	47	ax (160MHz)	996	68	SDM	2041.6/2402 (MCS11)	-9.26	-8.92	-6.08	-0.10	-6.18	-5	-1.18
	6345	79	ax (160MHz)	996	68	SDM	2041.6/2402 (MCS11)	-10.51	-9.53	-6.98	-0.75	-7.73	-5	-2.73
Band 7	6535	117	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.14	-11.14	-8.13	1.68	-6.45	-5	-1.45
	6695	149	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.24	-10.78	-7.99	1.68	-6.31	-5	-1.31
	6875	181	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	-11.19	-9.81	-7.43	1.68	-5.75	-5	-0.75
	6565	123	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.72	-10.57	-8.10	1.68	-6.41	-5	-1.41
	6725	155	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.14	-10.54	-7.82	1.68	-6.14	-5	-1.14
	6845	179	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	-11.38	-10.59	-7.96	1.68	-6.27	-5	-1.27
	6545	135	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-12.28	-11.50	-8.86	1.68	-7.18	-5	-2.18
	6705	151	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.76	-10.67	-8.17	1.68	-6.48	-5	-1.48
	6865	167	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	-11.61	-10.56	-8.04	1.68	-6.36	-5	-1.36
	6665	143	ax (160MHz)	996	68	SDM	2041.6/2402 (MCS11)	-11.81	-10.71	-8.21	1.68	-6.53	-5	-1.53

Table 7-75. Power Spectral Density Measurements SDM Diversity (Fully-Loaded RU)

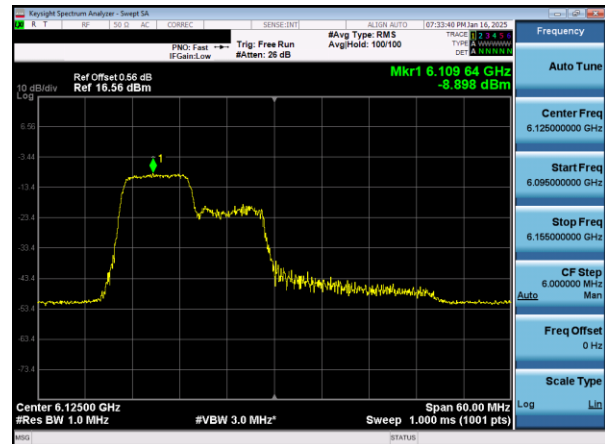
FCC ID: BCGA3268		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 83 of 221

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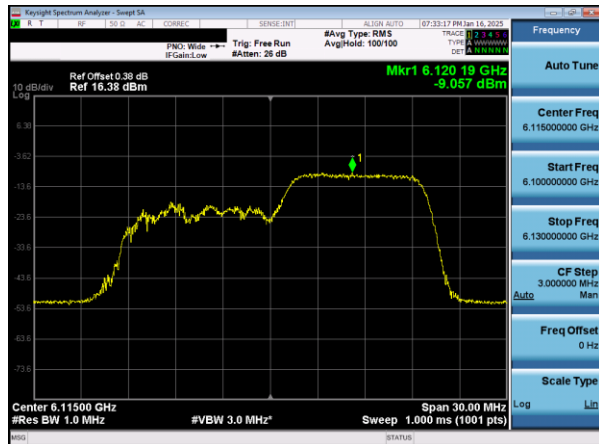
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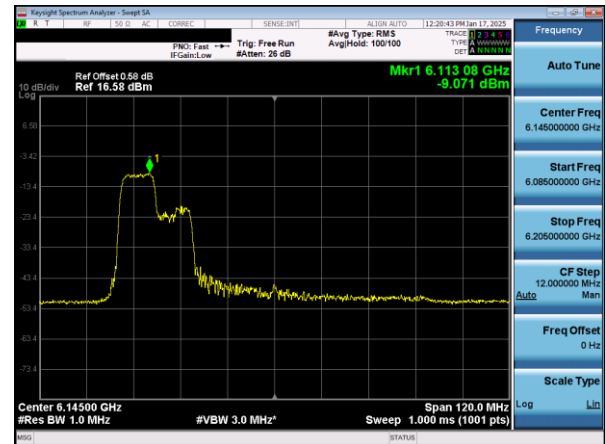
Plot 7-127. PSD Plot Antenna WF7b (20MHz 802.11ax RU106 (UNII Band 5) - Ch. 33)



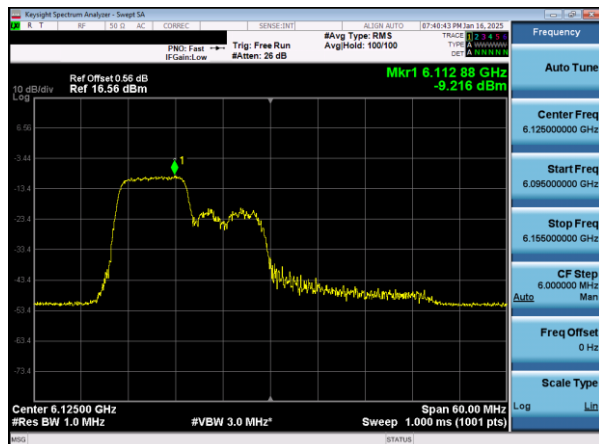
Plot 7-130. PSD Plot Antenna WF2a (40MHz 802.11ax RU106 (UNII Band 5) - Ch. 35)



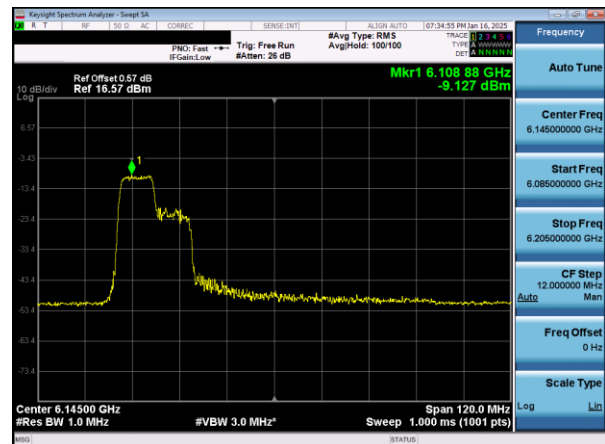
Plot 7-128. PSD Plot Antenna WF2a (20MHz 802.11ax RU106 (UNII Band 5) - Ch. 33)



Plot 7-131. PSD Plot Antenna WF7b (80MHz 802.11ax RU106 (UNII Band 5) - Ch. 39)

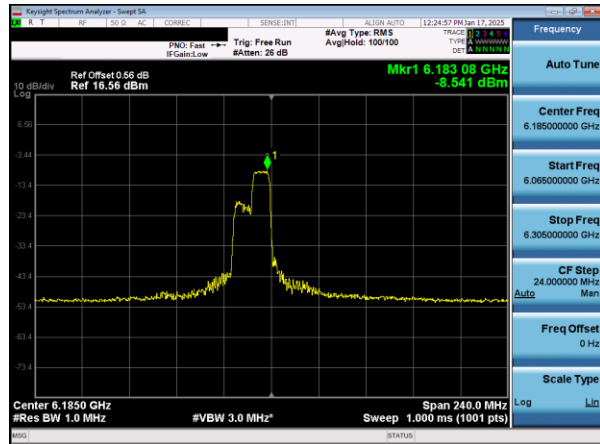


Plot 7-129. PSD Plot Antenna WF7b (40MHz 802.11ax RU106 (UNII Band 5) - Ch. 35)

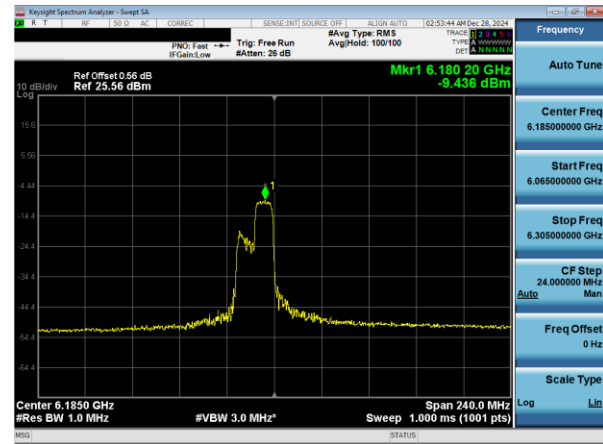


Plot 7-132. PSD Plot Antenna WF7b (80MHz 802.11ax RU106 (UNII Band 5) - Ch. 39)

FCC ID: BCGA3268	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-133. PSD Plot Antenna WF7b (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)



Plot 7-134. PSD Plot Antenna WF2a (160MHz 802.11ax RU106 (UNII Band 5) – Ch. 47)

FCC ID: BCGA3268		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2410210074-15-R1.BCG	Test Dates: 10/25/2024 - 1/24/2025	EUT Type: Tablet Device	Page 85 of 221

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